

REPORT OF RCRA COMPLIANCE EVALUATION INSPECTION

At

Chrome Reflections
4141 East 14th Street
Des Moines, Iowa 50313
(515) 491-8915
EPA ID Number: IAR000521112

On

April 15, 2019

By

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 7
Enforcement & Compliance Assurance Division

1.0 INTRODUCTION

At the request of the Air and Waste Management Division (AWMD), a focused RCRA Compliance Evaluation Inspection was conducted at Chrome Reflections in Des Moines, Iowa, on April 15, 2019. The inspection was conducted under the authority of Section 3007 of the Resource Conservation and Recovery Act (RCRA), as amended. This report and attachments present the inspection results. This inspection was conducted as a Level B Multi-Media Inspection and the Multi-Media Screening Checklist is included as attachment 1.

2.0 PARTICIPANTS

Imperial Properties, Incorporated - Property Owner for Chrome Reflections Facility:
Danielle Atkinson – Bookkeeper/Office Manager (515) 491-8915

City of Des Moines – Neighborhood Inspection Division:
Jim Nelson - Neighborhood Inspector Supervisor (515) 283-4197

U.S. Environmental Protection Agency (EPA):
Trevor Urban, Environmental Scientist

3.0 INSPECTION PROCEDURES

The Imperial Properties, Inc. facility representative and the City of Des Moines, Iowa, were contacted prior to the inspection and the inspection date and time was set for Monday, April 15, 2019, at 1:00 p.m. Upon arriving at the facility on Monday, April 15, 2019, at 12:30 p.m., I conducted a drive-by inspection of the site and did not observe any issues of concern. The

RCRA 04/15/2019



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facility was not in operation and was locked. Ms. Danielle Atkinson of Imperial Properties, Inc. and Mr. Jim Nelson from the City of Des Moines arrived at the facility at approximately 1:00 p.m. I met with Ms. Atkinson and Mr. Nelson in the parking lot at the west facility entrance and I began the entry briefing and presented my credentials to Ms. Atkinson and Mr. Nelson. I explained the purpose of the inspection and the procedures I would follow during the inspection. Ms. Atkinson stated she was the facility representative for Imperial Properties, Inc. who owned the property that was operated as Chrome Reflections. Mr. Nelson stated that he was a Supervisor for the Neighborhood Inspection Division for the City of Des Moines, Iowa. Mr. Nelson stated that the City of Des Moines required that all the chemicals located in the facility be removed and disposed properly before the City of Des Moines, Iowa, would issue Imperial Properties, Inc. any operating permits or a demolition permit. I made Ms. Atkinson aware of her confidentiality rights and informed her that a Confidentiality Notice (with attached CBI handout), which she reviewed, would be provided at the end of the inspection to make or not make any claims. I also provided her with a copy of U.S. Federal Code 1001 and 1002 pertaining to false statements and documents, which she reviewed and returned. The inspection consisted of a discussion of past facility operations and a review of chemicals discovered during past inspections. We also discussed the chemicals/wastes currently remaining onsite and ongoing waste management practices during the visual inspection of the facility. Ms. Atkinson stated that there were no activities currently being performed at the facility other than cleaning up the property. Ms. Atkinson and Mr. Nelson accompanied me during the facility inspection and Ms. Atkinson provided me with post operational facility information. Mr. Nelson left the facility after we completed the facility visual inspection and did not attend the formal exit briefing.

I completed my inspection and summarized the findings and recommendations with Ms. Atkinson on the afternoon of April 15, 2019. During the exit briefing, Ms. Atkinson acknowledged receipt of the following by her signature: a Confidentiality Notice, which she signed indicating no confidential business information had been provided during the inspection; Receipt for Documents and Samples; and Notice of Violation (NOV) (attachments 2 through 4). Twenty-three photographs were taken during the inspection. See attachment 5 for the digital photograph chain of custody, photo log, and photos 1 - 23. See attachment 6 for a facility layout/diagram with photo locations and building layout.

4.0 FACILITY DESCRIPTION

4.1 Facility Information and Operations

The Chrome Reflections facility is in the northeast end of the City of Des Moines, Iowa, at 4141 East 14th Street. The facility is a single building located in a light industrial area at the southeast corner of 14th Street and Aurora Avenue and is approximately 5,500 square feet in size. Ms. Atkinson did not know how long the facility was in operation but stated that she thought the facility used to be a car wash and was part of a car dealership that was operated from the large building located south of Chrome Reflections across the parking lot. Ms. Atkinson stated that the last operator was Chrome Reflections and that the City of Des Moines, Iowa, informed Chrome Reflections that the area/facility was not zoned for heavy industrial manufacturing such as

chrome plating, and that the facility must discontinue operations. Ms. Atkinson stated that the facility was operated as Chrome Reflections for approximately five to seven years prior to the City of Des Moines, Iowa, requiring the facility to cease operations via a court order in January of 2011. The facility continued to operate for several months after the court order and Ms. Atkinson stated that facility operator walked away from the facility leaving all the chemicals in their plating tanks.

Ms. Atkinson stated that she worked for Mr. Bill Moyer of Imperial Properties, Inc., and that the City of Des Moines, Iowa, would not allow them to move forward with developing the property or demolishing the building until the EPA performed a final inspection to ensure that all waste had been removed. Ms. Atkinson stated that Mr Moyer had contracted with a company to perform sampling of the chemicals left at the facility so that they may be disposed properly. Ms. Atkinson stated that Mr. Moyer then contracted with a company to remove all the chemicals from the Chrome Reflections facility in September of 2016. The City of Des Moines, Iowa, contacted the EPA and informed them of the waste removal activities and EPA planned to perform an inspection on September 6, 2016. Ms. Atkinson then contacted the EPA in 2019 and requested a final inspection from the EPA so that the City of Des Moines, Iowa, would allow Imperial Properties, Inc. move forward and either lease the property or develop the property by demolishing the building.

4.2 RCRA Status and Facility History

The EPA performed a RCRA inspection at Chrome Reflections on May 23 – 24, 2016, and discovered that the facility was locked and not operating. The inspector discovered that the City of Des Moines, Iowa, had required the facility to cease operations and contacted the City of Des Moines, Iowa, to gain access to the facility. The facility inspection revealed that all plating equipment and electroplating chemicals remained in the plating tanks and throughout the facility when the operation shut down. The Chrome Reflections facility is owned by Imperial Properties, Inc. and the inspection documented the City of Des Moines, Iowa, court order and sampling activities for the wastes remaining onsite in the plating tanks.

Chrome Reflections was last inspected by the EPA on September 6, 2016, after the City of Des Moines, Iowa, informed the EPA of planned waste removal activities. The EPA issued Chrome Reflections an NOV for failing to perform waste determinations on multiple wastes/chemicals remaining onsite after the facility operator shutdown (attachment 7). The EPA inspector also observed the contractor that was at the facility removing the waste plating chemicals from the plating tanks. The contractor informed the EPA inspector that the chemicals had been tested to determine if they could be comingled in the vac-truck he was using. The contractor also informed the EPA inspector that two tanks could not be emptied due to having trace amounts of cyanates and that he could not take all the waste due to weight restrictions. The EPA inspector performed an inventory of the chemicals observed at the facility. The contractor did not remove any additional wastes that were observed by the EPA inspector on the shelving units or in rooms located throughout the facility. Mr. Bill Moyer of Imperial Properties, Inc., acted as the facility representative, but did not sign any documents or the NOV for failure to make waste

determinations on all chemicals/wastes remaining at the facility. Mr. Moyer stated that the chemicals/wastes were not his and that he had leased the property to Mr. Russ and Mrs. Tammy McKeenan whom operated the facility as Chrome Reflections.

The facility was issued two letters of warning by the EPA. The City of Des Moines, Iowa, performed several additional site visits and continued to work with Imperial Properties, Inc., in an attempt to identify the wastes remaining onsite and removal activities. Imperial Properties, Inc., contracted with US Ecology to remove the remaining wastes from the facility in March of 2018. The City of Des Moines, Iowa, has not had access to the facility since the end of 2017 and could not determine if all the wastes have been removed from the facility. See attachment 8 for an EPA memorandum dated February 13, 2018, that summarizes the enforcement activities since the May 23 – 24, 2016, inspection. Attachment 8 also includes the sales quote by US Ecology and e-mail for the removal of the wastes that remained onsite dated July 6, 2017.

A review of facility operations, the chemicals/wastes that currently remain onsite, and statements made by Ms. Atkinson indicated that the chemicals/wastes that remain onsite may be in an amount greater than 1,000 kilograms (kgs). See attachment 9 for a copy of the NOV with chemical inventory observed during the September 6, 2016, EPA inspection identifying the chemicals/wastes that currently remain onsite. The observed chemicals are discussed in more detail below. I determined the facility is possibly an unpermitted hazardous waste storage facility and would be a large quantity generator (LQG) (greater than 1,000 kgs) of hazardous waste if all the chemicals/wastes observed during the inspection are determined to be RCRA hazardous wastes.

4.3 Facility Wastes and Inspection Observations

An NOV was issued to the facility during September 6, 2016, inspection for failure to make a waste determination. The NOV included the list of chemicals/wastes that were observed during the inspection and needed a waste determination. The facility has removed many of the chemicals/wastes from the tank plating line and from the north and south shelving units. However, many chemicals/wastes remain onsite and were observed during the April 15, 2019, inspection. I issued the facility a single NOV for failure to conduct a waste determination per 40 CFR - 262.11, on the chemicals that remain on the shelves, and in the containers identified as wastes in the September 6, 2016, EPA inspection report, and the liquids and solids that remain in the plating tanks. The remaining chemicals are noted on the three page NOV/chemical inventory that was issued during the 2016 inspection (attachment 9) and are discussed below in more detail. Ms. Atkinson thought that all the chemicals/wastes had been removed but discovered chemicals/wastes remained onsite when she physically visited the facility one week prior to the current inspection.

Sludge and Liquids in Empty Tanks 1 - 13 – I observed the 13 plating tanks located along the south wall of the facility (photos 9 – 18 and attachment 6). I also observed two additional plating tanks located directly north of tank 12 and near the north wall of the of the plating area (photos 7, 8, 19 & 20 and attachment 6). The liquids were being removed from the plating tanks during the

September 6, 2016, EPA inspection. The lead anodes had been removed and disposed and were no longer hanging inside of any plating tanks. I did not observe any waste lead anodes during the inspection. However, I observed small amounts of liquid (from ½ inch to two inches) in several of the plating tanks during the inspection. I also observed small amounts of solids (from ½ inch to two inches) remaining in the bottom of several tanks. I asked Ms. Atkinson if the remaining liquid and solids were hazardous, and she said she did not know. Ms. Atkinson stated that the liquids were removed in 2016, and that any remaining liquids may be attributed from leaks in the roof of the facility and the recent rain events. I informed Ms. Atkinson that the tanks would need to be free of liquids and solids and that a waste determination must be performed to ensure proper disposal.

Sand Blaster Media in Metal Finishing Area – I observed the sand blasting unit that was identified during the September 9, 2016, EPA inspection and was included on the 2016 NOV for failure to make a waste determination for the waste sand blasting media that remained inside the sand blasting unit (photo 27 in attachment 7). The sand blasting media remained in the sand blasting unit and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that a waste determination must be performed to ensure proper disposal (attachment 9).

Dust in Wet/Dry Vacuum and Floor Sweeping Unit in Metal Finishing Area – I observed the wet dry vacuum and floor sweeping unit that were identified during the September 9, 2016, EPA inspection and were included on the 2016, NOV for failure to make a waste determination of the dust that remained inside them (photos 27 & 28 in attachment 7). There was also a vacuum cleaner located north of the metal finishing area in the maintenance/metal finishing area (photo 29 in attachment 7). The dust remained in the wet/dry vacuum, vacuum cleaner, and floor sweeping unit and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that a waste determination must be performed to ensure proper disposal (attachment 9).

Multiple Gas Cylinders – I observed several gas cylinders located throughout the facility that were identified during the September 9, 2016, EPA inspection and were included on the 2016, NOV for failure to make a waste determination if they could not be used as originally intended (photos 27 & 28 in attachment 7). The gas cylinders remained in the plating area and in the maintenance/metal finishing area and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that a waste determination must be performed if they could not be used as originally intended to ensure proper disposal (attachment 9). Ms. Atkinson stated she was sure the gas cylinders could still be used as products and were not wastes.

Spent Fluorescent Lamps – I observed spent fluorescent lamps in the plating area and metal finishing area that were identified during the September 9, 2016, EPA inspection and were included on the 2016, NOV for failure to make a waste determination (photos 2 & 30 in attachment 7). The spent fluorescent lamps remain onsite and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that a waste

determination must be performed to ensure proper disposal (attachment 9). I also informed Ms. Atkinson that the spent fluorescent may also be managed as universal waste lamps.

Shelves of Cleaners Paints and Chemicals/North Wall – I observed approximately 60 containers (aerosol lubricants, paint, cleaners and other containers) located on the wall of the north storage rooms directly northwest of plating tank 1 that were identified during the September 9, 2016, EPA inspection and were included on the 2016 NOV for failure to make a waste determination (photo 2 in attachment 7). The aerosol lubricants, paint, cleaners and other containers remain onsite and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that a waste determination must be performed if they could not be used as originally intended to ensure proper disposal (attachment 9).

Chemicals in North Storage Rooms - I observed approximately 25 containers of chemicals in two cabinets located in the north storage room that may have been used as part the conditioning/treatment system for make-up water for the plating operation that were identified during the September 9, 2016, EPA inspection and included on the 2016 NOV for failure to make a waste determination (photos 3 & 4 in attachment 7). The chemicals remain onsite and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that a waste determination must be performed to ensure proper disposal (attachment 9).

Residue on Floor of Plating Room - I observed residue on the floor throughout the plating area and at the east end of the facility that was identified during the September 9, 2016, EPA inspection and was included on the 2016 NOV for failure to make a waste determination (photos 5 & 6 in attachment 7). The residue remains on the floor and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that the residue would need to be cleaned up from the plating room floor and a waste determination must be performed to ensure proper disposal (attachment 9).

Reactor Tank North of Plating Line - I observed chemical reactor tank and piping utilized to mix plating solutions prior to being used in the plating tanks located directly north of the plating tank 8 that was identified during the September 9, 2016, EPA inspection and was included on the 2016 NOV for failure to make a waste determination (photo 5 in attachment 7 and photo 19 in attachment 5). The reactor tank appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that the residue would need to be cleaned out of the reactor tank and piping and a waste determination must be performed to ensure proper disposal (attachment 9).

North Shelving Unit Remaining Chemicals - I observed approximately 12 bags (paper bags weighing approximately 40 lbs – 50 lbs each) labeled as sodium hypochlorite that were identified during the September 9, 2016, EPA inspection and were included on the 2016 NOV for failure to make a waste determination (photo 20 in attachment 7 and photo 4 in attachment 5). The bags remain onsite and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I also observed six plastic containers on the floor that were previously shown on the top shelf of the north shelving unit that were identified during the September 9, 2016, EPA

inspection and were included on the 2016 NOV for failure to make a waste determination (photo 20 in attachment 7 and photo 6 in attachment 5). The six plastic containers appeared to contain oil lubricants and remain onsite. Their conditions appeared to be unchanged since the September 9, 2016, EPA inspection. I informed Ms. Atkinson that a waste determination must be performed for the bags and plastic containers to ensure proper disposal (attachment 9).

South Shelving Unit Remaining Chemicals - I observed a heavily corroded black steel 55-gallon container and an open top plastic 55-gallon container that were identified during the September 9, 2016, EPA inspection and were included on the 2016 NOV for failure to make a waste determination (photos 2 & 3 in attachment 5). The heavily corroded black steel 55-gallon container remains onsite and the conditions appeared to be unchanged since the September 9, 2016, EPA inspection. The open top plastic 55-gallon container was full of a water/chemical mixture and was observed with several inches of liquid in it during the September 9, 2016, EPA inspection (page 3 in attachment 9). Ms. Atkinson stated that the additional liquid in the open top plastic 55-gallon container may be attributed from leaks in the roof of the facility and the recent rain events I informed Ms. Atkinson that a waste determination for both 55-gallon containers must be performed to ensure proper disposal (attachment 9).

4.4 Other Regulatory Requirements

The facility office was locked and not accessible during the September 9, 2016, EPA inspection and was not visually observed. The facility office was unlocked and accessible during the April 15, 2019, EPA inspection and I observed no wastes (photos 22 & 23 in attachment 5). The facility was not in operation and no contingency plan, training plan, or hazardous waste manifests were available for review.

4.5 Additional RCRA Issues

No additional specific information was requested from the facility during the exit briefing. I provided Ms. Atkinson with the following compliance assistance guidance during the exit briefing: Notice Regarding Proprietary/Confidential Business Information Submitted To Or Collected By EPA In Connection With Inspections (CBI Handout), Security Awareness (EPA pamphlet), Commercial Motor Vehicle Transportation Security Planning (EPA information sheet), Publications for Small Businesses (EPA booklet), U.S EPA Small Business Resources (EPA Fact Sheet), Whole Building Demolition Compliance (IDNR Publication), Consideration for Managing Contaminated Soils in Iowa (IDNR Publication) and Management of Fluorescent Lamps for Businesses (IDNR Publication).

See attachment 10 for the entry/exit briefing checklist. I reviewed all other applicable EPA hazardous waste compliance requirements and no apparent violations were noted. See attachment 11 for the EPA Hazardous Waste Compliance Inspection Checklist (sections A – G). However, further EPA review may change or add to my findings.

5.0 SUMMARY

I inspected the Chrome Reflections facility on April 15, 2019, as a possible LQG of hazardous waste. A review of facility operations, the chemicals/wastes that currently remain onsite, and statements made by Ms. Atkinson indicated that the chemicals/wastes that remain onsite may be in an amount greater than 1,000 kgs. I determined the facility is possibly an unpermitted hazardous waste storage facility and would be a large quantity generator (greater than 1,000 kgs) of hazardous waste if all the chemicals/wastes observed during the inspection are determined to be RCRA hazardous wastes. See attachment 9 for a copy of the NOV with the chemical inventory that was observed during the September 6, 2016, EPA inspection identifying which chemicals/wastes currently remain onsite.

I issued the Chrome Reflections facility the following NOV during the inspection:

- NOV 1 - Failure to make a waste determination per 40 CFR - 262.11, on the chemicals that remain on the shelves and in the containers identified as wastes during the September 6, 2016, EPA inspection and the remaining liquids and solids that remain in the plating tanks. The remaining chemicals are noted on the three page NOV/chemical inventory that was issued to the facility during the September 6, 2016, inspection (attachment 9).



Trevor L. Urban

Environmental Scientist

Date: 5/29/2019

Attachments:

1. Multi-Media Screening Checklist (2 pages)
2. Confidentiality Notice (1 page)
3. Receipt for Documents and Samples (1 page)
4. Notice of Violation (1 page)
5. Digital Image Chain of Custody/Photo Log and Photos 1 - 23 (15 pages)
6. Facility Layout/Diagram (2 pages)
7. EPA Memorandum for September 6, 2016 Inspection with Attachments (26 pages)
8. EPA Memorandum for Chrome Reflections/Imperial Motors with Compliance Summary Dated February 13, 2018, and the Sales Quote and e-mail for Waste Removal by US Ecology Dated July 6, 2017 (9 pages)
9. 2016 NOV and Updated Chemical/Waste Inventory List (3 pages)
10. Entry/Exit Briefing Checklist (1 page)
11. EPA Hazardous Waste Compliance Inspection Checklist Sections A - G (12 pages)

Forward To:

EPCRA / RMP / TSCA ☐

CWA ☒

Wetlands ☐

UIC ☐

PWS ☐

CAA ☐ RCRA ☐

UST ☐

SPCC ☐

REGION VII MULTIMEDIA SCREENING CHECKLIST

Facility Name: Chrome Reflections
 Facility Ownership: Bill Mager - Imperial Properties
 Street: 4141 East 14th Street
 City: Des Moines State: IA Zip: 50313
 Phone: (515) 490-3171 Facility Contact: Danielle Atkinson - Book Keeper
 Number of Employees: 2 Work Hours/Shifts: N/A

Inspector: Trevor Urban
 Primary Media: RCRA
 Inspector Phone Ext.: 7133
 Date: 4/15/19
 SIC/NAICS Code: 332813
 Facility Subject to OSHA regulations Yes ☐ No ☒

Main facility activity, major process chemical(s) & description: Facility was a Chrome Electroplator and is shut down & not operating. Most large tanks have been emptied but miscellaneous chemicals & residue remain on site
 (Check all that apply): painting/coating (water-based ☐, solvent-based ☐) printing ☐ reacting ☒ formulating ☐ distilling ☐
 water treatment ☐ refrigeration ☐ manufacturing ☐ parts washers/degreasing (water-based ☐, halogenated-based ☐, non-halogenated-based ☐) combustion (boiler, furnaces, oxidizers) ☐ plating (chrome ☐, other ☐).

EMERGENCY PLANNING & COMMUNITY RIGHT TO KNOW ACT (EPCRA) & TOXIC SUBSTANCE CONTROL ACT (TSCA)

- Did facility file a Tier II report with fire department, Local & State Emergency Planning Committee? Yes ☐ No ☒ Forward to EPCRA N/A
- Did facility manufacture, import, or process (formulate, blend, package) >25,000 lbs of a chemical or >100 lbs of a Persistent Bioaccumulative Toxin (lead, mercury, or polycyclic aromatic compounds) at any time over the last 5 years? No ☒ (stop) Yes ☐ Forward to EPCRA
- Has the facility: If any box in question 3 is marked - Forward to EPCRA
 - Stored ≥500 lbs of ammonia ☐, ≥100 lbs of chlorine ☐, or ≥10,000 lbs of an industrial chemical ☐, at any time over the last 2 years? ☐
 - Stored ≥10,000 lbs of pressurized flammable material (propane, methane, butane, pentane, etc.) at any time over the last 2 years? ☐
 - Used ≥10,000 lbs of ammonia ☐, chlorine ☐, halogenated solvents ☐, solvent-based paints ☐, or solvents ☐, or nitrated compound, over the last calendar year? ☐
 - Generated ≥ one half pound of metal dusts, fumes, or metal turnings, over the last calendar year? ☐
- Does the facility have any oil filled electrical equipment No ☒ (stop) Yes ☐ Forward to PCB and ask Has facility tested oil filled equipment to determine PCB content; No ☐ Yes ☐ number containing PCBs greater than 50 ppm _____ and percent of all equipment tested _____. Is equipment leaking (including wet or weeping equipment)? No ☐ Yes ☐ - Get Photo

CLEAN WATER ACT (CWA) - National Pollution Discharge Elimination System (NPDES), Industrial Pretreatment, Storm Water, & Wetlands

- Does the facility discharge any water/wastewater to storm sewers, surface water, or the land? No ☐ (stop) Yes ☒

If yes, are all water/wastewater discharges permitted? Yes ☐ No ☒ Forward to CWA
- Does the facility have process wastewaters that are discharged to a city POTW (Publicly Owned Treatment Works)? No ☐ (stop) Yes ☒

If yes, are the discharges permitted by: State? ☐, City? ☐ - If yes, Stop here. No ☒ Forward to CWA

If yes, does the city have a state or EPA approved pretreatment program? Yes ☐ No or Don't Know ☐ Forward to CWA
- During rainfall events, can storm water carry pollutants from manufacturing, processing, storage, disposal, shipping and receiving areas, or from construction sites >1 acre, to storm sewers or surface water? No ☒ (stop) Yes ☐

If yes, does the facility have an NPDES permit for these storm water discharges? Yes ☐ No ☐ Forward to CWA
- Did you see any wastewater discharges not identified by the facility? No ☒ (stop) Yes ☐ - Identify location, time, appearance of discharge: _____
(Get Photo) Forward to CWA
- Does the facility have any wetland areas (e.g. streams, ponds, or temporarily wet areas)? No ☒ (stop) Yes ☐

If yes, have any wetland areas been dredged, filled, channelized, dammed, or had gravel removed from them within the last 5 years? No ☐ (stop) Yes ☐ - Identify location and timeframe _____
(Get Photo) FWD to Wetlands

SAFE DRINKING WATER ACT (SDWA) - Underground Injection Control (UIC) & Public Water System (PWS)

1. Does facility discharge any liquids to the subsurface (septic systems, disposal wells, cesspools, etc.)? No ☒ (stop) Yes ☐ **Forward to UIC**
If yes, do these liquid wastes consist of sanitary wastewater only? Yes ☐ No ☐
2. Does facility provide drinking water to 25 people or more from its own source (private well, pond, etc.)? No ☒ (stop) Yes ☐ **Forward to PWS**
If yes, does the facility test or monitor its drinking water in order to comply with state regulations? Yes ☐ No ☐

CLEAN AIR ACT (CAA)

1. Do you see any dense, non-steam, smoke or dust emissions leaving the facility property? No ☒ Yes ☐ **Forward to CAA**
Source _____ (Get Photo)
2. Does the facility have any new air pollution emitting equipment that was constructed or installed in the past 5 years? No ☒ (stop) Yes ☐
If yes, is equipment permitted? Yes ☐ No ☐ **Forward to CAA Describe:** _____
3. Does the facility have a refrigeration process that contains more than 10,000 lbs of ammonia? No ☒ (stop) Yes ☐ **Forward to EPCRA/RMP**

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) and UNDERGROUND STORAGE TANKS (UST)

1. Does the facility generate more than 30-gallons (220 lbs./100kg) of hazardous waste per month or at any one time? No ☐ (stop) Yes ☒
If yes, does facility have an EPA Hazardous Waste Identification Number? Yes ☒ (stop) No ☐ **Forward to RCRA**
2. Is hazardous waste treated ☐, stored >90-days ☒, burned ☐, land filled ☐, put in surface impoundments ☐ or waste piles ☐?
No ☐ (stop) Yes ☒ If yes, is the facility permitted for above described activity? Yes ☐ No ☒ **Forward to RCRA**
3. Did you see or does the facility have any large quantities of materials **that the facility claims to be non-hazardous waste material** (>10 drums, roll-offs, waste piles, etc. - exclude clean office trash, cardboard, & packaging type wastes)? No ☐ (stop) Yes ☒

Material Claimed To Be Non-Hazardous**How does the facility know these wastes are non-hazardous?**

12-Bags of Sodium Hypochlorite Testing, industry or manuf. info., MSDS, etc. ☒; None available ☐ **Forward to RCRA**
many Containers of chemicals Testing, industry or manuf. info., MSDS, etc. ☐; None available ☒ **Forward to RCRA**
not usable at Facility Testing, industry or manuf. info., MSDS, etc. ☐; None available ☐ **Forward to RCRA**
Testing, industry or manuf. info., MSDS, etc. ☐; None available ☐ **Forward to RCRA**
Testing, industry or manuf. info., MSDS, etc. ☐; None available ☐ **Forward to RCRA**

4. Did you see any leaking hazardous waste containers, drums, or tanks? No ☒ Yes ☐ **Forward to RCRA**
Describe: _____ (Get Photo)
5. Did you see any signs of spills or releases (e.g., dead or stressed vegetation, stains, discoloration)? No ☒ Yes ☐ **Forward to RCRA**
Describe: See Report (Get Photo)
6. Did you see any chemical or waste handling practices that concern you (access to children/public)? No ☐ Yes ☒ **Forward to RCRA & EPCRA**
Describe: Chemicals That need to be Disposed (Get Photo)
7. Does the facility have any past or present underground petroleum product or hazardous material tanks? No ☒ Yes ☐ **Forward to UST**
8. Does the facility have any underground fuel tanks for emergency generators? No ☒ Yes ☐ **Forward to UST**

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN (SPCC)

1. Does the facility have any aboveground oil tanks (petroleum, synthetic, animal, fish, vegetable), with an aggregate volume >1,320 gallons?
No ☒ (stop) Yes ☐ - Does the facility have a certified SPCC Plan? Yes ☐ No ☐ **Forward to SPCC**
If yes, are there secondary containment systems for the tanks? Yes ☐ No ☐ **Forward to SPCC**
If yes, are any tanks leaking where oil could reach waters of the State or U.S.? No ☐ Yes ☐ (Get Photo) **Forward to SPCC**

***PLEASE TAKE PHOTOS TO DOCUMENT POTENTIAL PROBLEMS**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CONFIDENTIALITY NOTICE

Facility Name <i>Chrome Refections - "Former Site of"</i>	
Facility Address <i>4141 East 14th Street, Des Moines, Iowa 50313</i>	
Inspector (print) <i>Trevor Urban</i>	
U.S. EPA, Region 7, 11201 Renner Blvd., Lenexa, KS 66219	Date <i>4/15/2019</i>

The United States Environmental Protection Agency (EPA) is obligated, under the Freedom of Information Act, to release information collected during inspections to persons who submit requests for that information. The Freedom of Information Act does, however, have provisions that allow EPA to withhold certain confidential business information from public disclosure. To claim protection for information gathered during this inspection you must request that the information be held CONFIDENTIAL and substantiate your claim in writing by demonstrating that the information meets the requirements in 40 CFR2, Subpart B. The following criteria in Subpart B must be met:

1. Your company has taken measures to protect the confidentiality of the information, and it intends to continue to take such measures.
2. No statute specifically requires disclosure of the information.
3. Disclosure of the information would cause substantial harm to your company's competitive position.

Information that you claim confidential will be held as such pending a determination of applicability by EPA.

I have received this Notice and <u>DO NOT</u> want to make a claim of confidentiality at this time.	
Facility Representative Provided Notice (print) <i>Danielle Atkinson</i> <i>Danielle Atkinson</i>	Signature/Date <i>4/15/19</i>

I have received this Notice and <u>DO</u> want to make a claim of confidentiality.	
Facility Representative Provided Notice (print)	Signature/Date

Information for which confidential treatment is requested:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RECEIPT FOR DOCUMENTS AND SAMPLES

Facility Name	Chrome Reflections - "Former Site of"
Facility Address	4141 East 14 th Street, Des Moines, Iowa 50313

Documents Collected? YES _____ (list below) NO X

Samples Collected? YES _____ (list below) NO X Split Samples: YES _____ NO _____

Documents/ Samples were: 1) Received no charge X N/A 2) Borrowed _____ 3) Purchased _____

Amount Paid: \$ N/A Method: Cash _____ Voucher _____ To Be Billed _____

The documents and samples described below were collected in connection with the administration and enforcement of the applicable statute under which the information is obtained.

Receipt for the document(s) and/or sample(s) described below is hereby acknowledged:

No Document Collected

Facility Representative (print) -	Signature/Date
<i>Danielle Atkinson</i>	<i>4/15/19</i>
Inspector (print)	Signature/Date
<i>Trevor Urban</i>	<i>4/15/2019</i>
U.S. EPA, Region 7, 11201 Renner Blvd., Lenexa, KS 66219	

**Notice of Violation Pursuant to Requirements
of the Resource Conservation and Recovery Act (RCRA)**

TO: Facility Name: Chrome Reflections - "Former Site of"
Address: 9141 East 14th Street
Des Moines, Iowa 50313
EPA ID Number: IAR00052112 Date: 4/15/2019

This notice is provided to call your attention to the following areas of noncompliance with state and federal regulations. This notice does not constitute a compliance order (Administrative Civil Complaint) pursuant to Section 3008 of RCRA and may not be a complete listing of all violations resulting from the the inspection.

Citation

Title 40 CFR-262.11 - Failure to Conduct a waste determination on the chemicals that Remain on shelves in containers identified as wastes in the September 6, 2016, Inspection Report.

You are requested to submit a written response within 14 calendar days of receipt of this notice. Your response should include a description of all corrective actions taken and/or a schedule for completing the necessary corrective actions. The response should be submitted to:

U. S. Environmental Protection Agency, Region VII

300 Minnesota Avenue
Kansas City, Kansas 66101

ATTN. Trevor Urban

If you have any questions about this Notice or wish to discuss your response, you may call me at (913) 551-7133, or Kevin Snowden (Compliance Officer) at (913) 551-7022.

This Notice prepared by Trevor Urban Date: 4/13/2019

The undersigned person acknowledges that he/she has received a copy of this Notice and has read same.

Printed Name:

Signature:

Title:

Danielle Atkinson
Danielle Atkinson
Bookkeeper

DIGITAL IMAGERY CHAIN OF CUSTODY/PHOTO LOG

Facility Name / City: Chrome Reflections
4141 East 14th Street
Des Moines, Iowa 50313

RCRA EPA ID#: IAR000521112

Date: 04/15/2019

Image Numbers: 1 – 23 (3273 – 3295)

File Name (if any): Chrome Reflect

Photographer: Trevor Urban

Type of Camera: Nikon Coolpix AW100, Serial #: 32156577

Digital Recording Media: Flashcard

All digital photos were copied by: Trevor Urban on April 17, 2019

All digital photos were copied to: CD-R

Original copy is stored in: CD-R. Digital photos were downloaded to CD-R by Trevor Urban.

No changes were made in the original image files prior to storage on the CD-R.

Report Photo #	Photographer	Date	Approx. Time	Flashcard Name (DSCNxxxx.JPG)	Description
1	Trevor Urban	04/15/19	2:10 PM	3273	Photo of the shelves located in the southeast corner of the facility with trash and debris remaining. The chemicals shown in the Sept. 6, 2016, EPA report (photos 21 - 26) have been removed and disposed.
2	Trevor Urban	04/15/19	2:10 PM	3274	Photo of the shelves located in the southeast corner of the facility with trash and debris remaining. The chemicals shown in the Sept. 6, 2016, EPA report (photos 21 - 26) have been removed & disposed except for the two 55-gallon containers on the right.
3	Trevor Urban	04/15/19	2:10 PM	3275	Photo of the two 55-gallon containers shown in photo 2. The steel container is closed and very rusty and was identified in the Sept. 6, 2016, EPA report (photo 22). The black plastic container has an open top and the liquid was blue in color.
4	Trevor Urban	04/15/19	2:10 PM	3276	Photo of the shelves located in the northeast corner of the facility with trash and debris remaining. The chemicals shown in the Sept. 6, 2016, EPA report (photo 20) have been removed and disposed except for the 12 bags of sodium hypochlorite.
5	Trevor Urban	04/15/19	2:11 PM	3277	Photo of trash/debris and empty containers along the north wall of the building directly west of the northeast shelves. The four plastic barrel line with lead anodes shown in the Sept. 6, 2016, EPA report (photo 17) have been removed and disposed.
6	Trevor Urban	04/15/19	2:11 PM	3278	Photo of six 5-gallon plastic containers on the floor that were previously shown on the northeast top shelf in the Sept. 6, 2016, EPA report (photo 20). The containers appeared to hold oil lubricants. Two plating tanks are shown in the background.
7	Trevor Urban	04/15/19	2:11 PM	3279	Photo of the single plating tank located near the north wall of the facility that is empty but still holds less than an inch of blue liquid in the bottom. The plating tank was full of liquid with lead anodes in the Sept. 6, 2016, EPA report (photo 14).
8	Trevor Urban	04/15/19	2:11 PM	3280	Photo of the single plating tank located directly north of the main plating line that is empty but still holds less than an inch of blue liquid in the bottom. The plating tank was full of liquid with lead anodes in the Sept. 6, 2016, EPA report (photo 13).

Report Photo #	Photographer	Date	Approx. Time	Flashcard Name (DSCNxxxx.JPG)	Description
9	Trevor Urban	04/15/19	2:11 PM	3281	Photo of two plating tanks located on the east end of the main plating line that were identified as tanks 13 & 12 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with red solids in the bottom.
10	Trevor Urban	04/15/19	2:12 PM	3282	Photo of two plating tanks located in the main plating line that were identified as an empty tank & tank 11 when sampled by Seneca. Tank 11 is now also empty but still holds several inches of clear liquid with red solids in the bottom.
11	Trevor Urban	04/15/19	2:12 PM	3283	Photo of two plating tanks located in the main plating line (photo 12 in the Sept. 6, 2016, EPA report) and identified as tanks 10 & 9 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with solids in the bottom.
12	Trevor Urban	04/15/19	2:12 PM	3284	Photo of two plating tanks located in main plating line (photos 12 & 16 in the Sept. 6, 2016, EPA report) & identified as tanks 8 & 7 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with solids in the bottom.
13	Trevor Urban	04/15/19	2:13 PM	3285	Photo of a single plating tank located in the main plating line that was identified as empty during sampling by Seneca (photo 11 in the Sept. 6, 2016, EPA report). The tank is still empty but holds less than an inch of liquid with blue solids in the bottom.
14	Trevor Urban	04/15/19	2:13 PM	3286	Photo of a single plating tank located in the main plating line that was identified as tank 6 when sampled by Seneca. The tank is now empty but still holds several inches of clear liquid.
15	Trevor Urban	04/15/19	2:13 PM	3287	Photo of two plating tanks located in main plating line (photos 10 & 15 in the Sept. 6, 2016, EPA report) & identified as tanks 4 & 5 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with solids in the bottom.
16	Trevor Urban	04/15/19	2:13 PM	3288	Photo of two plating tanks located in main plating line identified as tanks 2 & 3 when sampled by Seneca. The two tanks are now empty but still hold less than an inch of clear liquid with solids in the bottom.
17	Trevor Urban	04/15/19	2:14 PM	3289	Photo of a single plating tank located on the west end of the main plating line that was identified as tank 1 when sampled by Seneca (photo 1 in the Sept. 6, 2016, EPA report). The tank is now empty but still holds less than an inch of clear liquid.
18	Trevor Urban	04/15/19	2:14 PM	3290	Photo of the main plating line located along the south wall of the plating room and a wooden walkway along the north side of the plating line. The tanks are all mostly empty with only several inches or less of liquid and solids remaining in them.
19	Trevor Urban	04/15/19	2:14 PM	3291	Photo of the single plating tank shown in photo 8 directly north of the main plating line. Also shown is the area directly north of the wooden walkway including the reactor tank which was identified in the Sept. 6, 2016, EPA report (photos 5 & 6).
20	Trevor Urban	04/15/19	2:15 PM	3292	Photo of the two single plating tanks located directly north of the main plating line that are now empty but still holds less than an inch of blue liquid in the bottom. Also shown is the trash/debris and empty containers directly west of the northeast shelves.
21	Trevor Urban	04/15/19	2:15 PM	3293	Photo of the shelves located in the southeast corner of the facility with trash and debris remaining. The chemicals shown in the Sept. 6, 2016, EPA report (photos 21 - 26) have been removed and disposed except for the two containers on the right.
22	Trevor Urban	04/15/19	2:39 PM	3294	Photo of the facility office located along the north wall of the facility directly west of the maintenance/tool area. The door to the office was locked during the Sept. 6, 2016, EPA inspection.
23	Trevor Urban	04/15/19	2:39 PM	3295	Photo of the facility office located along the north wall of the facility directly west of the maintenance/tool area. The door to the office was locked during the Sept. 6, 2016, EPA inspection.

Chrome Reflections

Located in Des Moines, Iowa

Photos taken by Trevor Urban
on April 15, 2019

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of the shelves located in the southeast corner of the facility with trash and debris remaining. The chemicals shown in the September 6, 2016, EPA report (photos 21 - 26) have been removed and disposed.	1
	PHOTOGRAPHER	Trevor Urban	Date <i>TLU</i> 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of the shelves located in the southeast corner of the facility with trash and debris remaining. The chemicals shown in the Sept. 6, 2016, EPA report (photos 21 - 26) have been removed & disposed except for the two 55-gallon containers on the right.	2
	PHOTOGRAPHER	Trevor Urban	Date <i>TLU</i> 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of the two 55-gallon containers shown in photo 2. The steel container is closed and very rusty and was identified in the Sept. 6, 2016, EPA report (photo 22). The black plastic container has an open top and the liquid was blue in color.	3
	PHOTOGRAPHER	Trevor Urban	Date <i>TU</i> 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of the shelves located in the northeast corner of the facility with trash and debris remaining. The chemicals shown in the Sept. 6, 2016, EPA report (photo 20) have been removed and disposed except for the 12 bags of sodium hypochlorite.	4
	PHOTOGRAPHER	Trevor Urban	Date <i>TU</i> 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of trash/debris and empty containers along the north wall of the building directly west of the northeast shelves. The four plastic barrel line with lead anodes shown in the Sept. 6, 2016, EPA report (photo 17) have been removed and disposed.	5
	PHOTOGRAPHER	Trevor Urban	Date <i>TU</i> 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of six 5-gallon plastic containers on the floor that were previously shown on the northeast top shelf in the Sept. 6, 2016, EPA report (photo 20). The containers appeared to hold oil lubricants. Two plating tanks are shown in the background.	6
	PHOTOGRAPHER	Trevor Urban	Date <i>TU</i> 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of the single plating tank located near the north wall of the facility that is empty but still holds less than an inch of blue liquid in the bottom. The plating tank was full of liquid with lead anodes in the Sept. 6, 2016, EPA report (photo 14).	7
	PHOTOGRAPHER	Trevor Urban	Date <i>TLU</i> 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of the single plating tank located directly north of the main plating line that is empty but still holds less than an inch of blue liquid in the bottom. The plating tank was full of liquid with lead anodes in the Sept. 6, 2016, EPA report (photo 13).	8
	PHOTOGRAPHER	Trevor Urban	Date <i>TLU</i> 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of two plating tanks located on the east end of the main plating line that were identified as tanks 13 & 12 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with red solids in the bottom.	9
	PHOTOGRAPHER	Trevor Urban	Date <i>TU</i> 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of two plating tanks located in the main plating line that were identified as an empty tank & tank 11 when sampled by Seneca. Tank 11 is now also empty but still holds several inches of clear liquid with red solids in the bottom.	10
	PHOTOGRAPHER	Trevor Urban	Date <i>TU</i> 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of two plating tanks located in the main plating line (photo 12 in the Sept. 6, 2016, EPA report) and identified as tanks 10 & 9 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with solids in the bottom.	11
	PHOTOGRAPHER	Trevor Urban	Date TLU 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of two plating tanks located in main plating line (photos 12 & 16 in the Sept. 6, 2016, EPA report) & identified as tanks 8 & 7 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with solids in the bottom.	12
	PHOTOGRAPHER	Trevor Urban	Date TLU 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of a single plating tank located in the main plating line that was identified as empty during sampling by Seneca (photo 11 in the Sept. 6, 2016, EPA report). The tank is still empty but holds less than an inch of liquid with blue solids in the bottom.	13
	PHOTOGRAPHER		Date <i>TU</i> 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of a single plating tank located in the main plating line that was identified as tank 6 when sampled by Seneca. The tank is now empty but still holds several inches of clear liquid.	14
	PHOTOGRAPHER		Date <i>TU</i> 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019

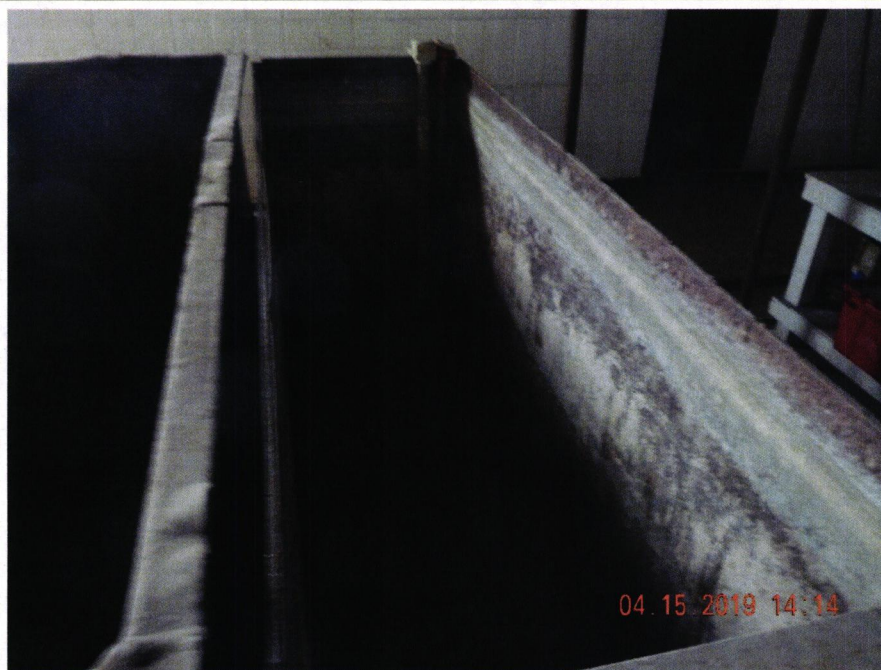


Compliance Evaluation Inspection	DESCRIPTION	Photo of two plating tanks located in main plating line (photos 10 & 15 in the Sept. 6, 2016, EPA report) & identified as tanks 4 & 5 when sampled by Seneca. The two tanks are now empty but still hold several inches of clear liquid with solids in the bottom.	15
	PHOTOGRAPHER	Trevor Urban	Date TLU 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of two plating tanks located in main plating line identified as tanks 2 & 3 when sampled by Seneca. The two tanks are now empty but still hold less than an inch of clear liquid with solids in the bottom.	16
	PHOTOGRAPHER	Trevor Urban	Date TLU 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of a single plating tank located on the west end of the main plating line that was identified as tank 1 when sampled by Seneca (photo 1 in the Sept. 6, 2016, EPA report). The tank is now empty but still holds less than an inch of clear liquid.	17
	PHOTOGRAPHER	Trevor Urban	Date T.U. 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of the main plating line located along the south wall of the plating room and a wooden walkway along the north side of the plating line. The tanks are all mostly empty with only several inches or less of liquid and solids remaining in them.	18
	PHOTOGRAPHER	Trevor Urban	Date T.U. 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of the single plating tank shown in photo 8 directly north of the main plating line. Also shown is the area directly north of the wooden walkway including the reactor tank which was identified in the Sept. 6, 2016, EPA report (photos 5 & 6).	19
	PHOTOGRAPHER	Trevor Urban	Date TLU. 04/15/19



Compliance Evaluation Inspection	DESCRIPTION	Photo of the two single plating tanks located directly north of the main plating line that are now empty but still holds less than an inch of blue liquid in the bottom. Also shown is the trash/debris and empty containers directly west of the northeast shelves.	20
	PHOTOGRAPHER	Trevor Urban	Date TLU. 04/15/19

Chrome Reflections
Des Moines, Iowa – 04/15/2019



Compliance Evaluation Inspection	DESCRIPTION	Photo of the shelves located in the southeast corner of the facility with trash and debris remaining. The chemicals shown in the Sept. 6, 2016, EPA report (photos 21 - 26) have been removed and disposed except for the two containers on the right.	21
	PHOTOGRAPHER		Date <i>TLU.</i> 04/15/19
Direction: Southeast		Trevor Urban	

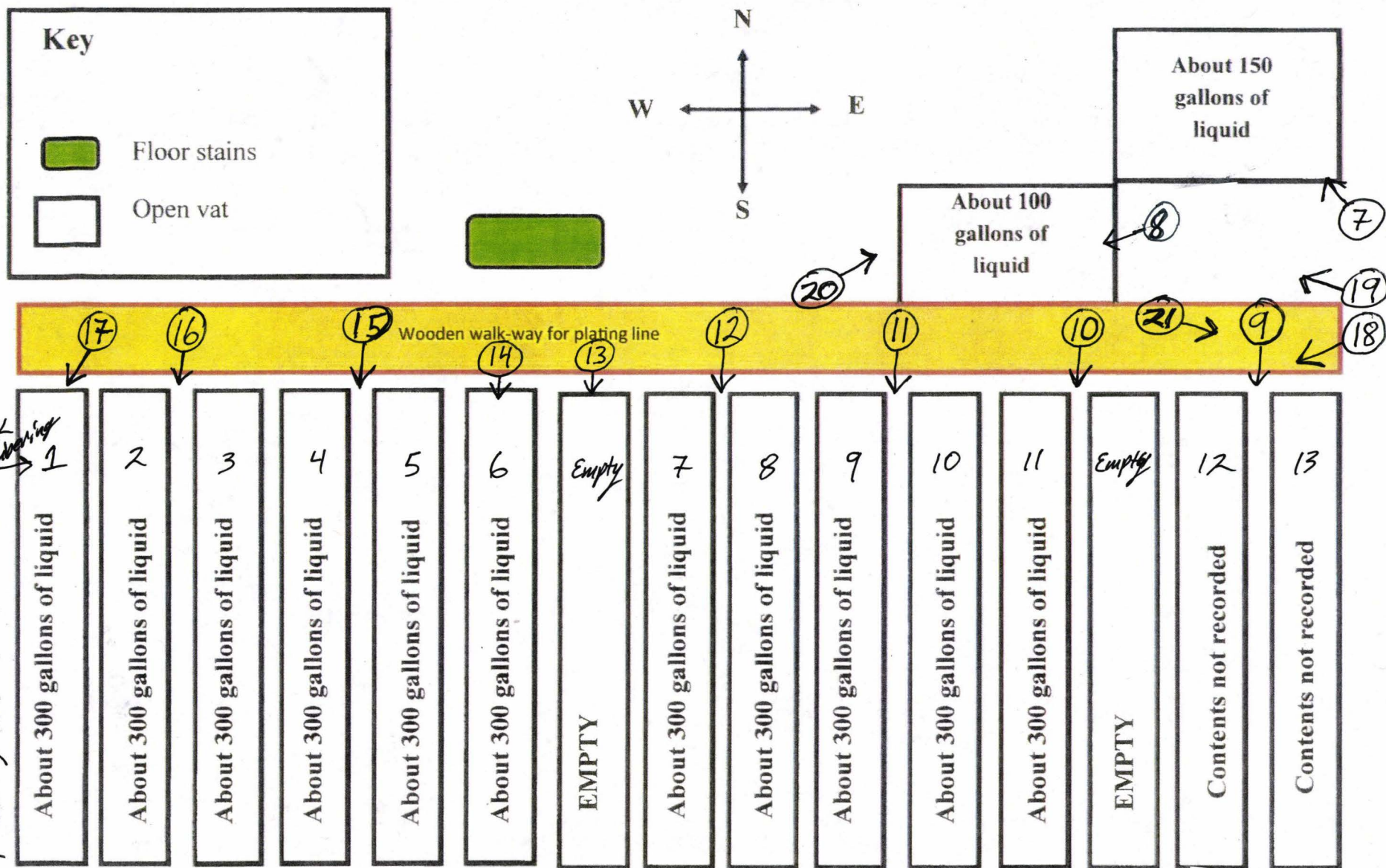


Compliance Evaluation Inspection	DESCRIPTION	Photo of the facility office located along the north wall of the facility directly west of the maintenance/tool area. The door to the office was locked during the Sept. 6, 2016, EPA inspection.	22
	PHOTOGRAPHER		Date <i>TLU.</i> 04/15/19
Direction: Northwest		Trevor Urban	

Chrome Reflections
Des Moines, Iowa – 04/15/2019



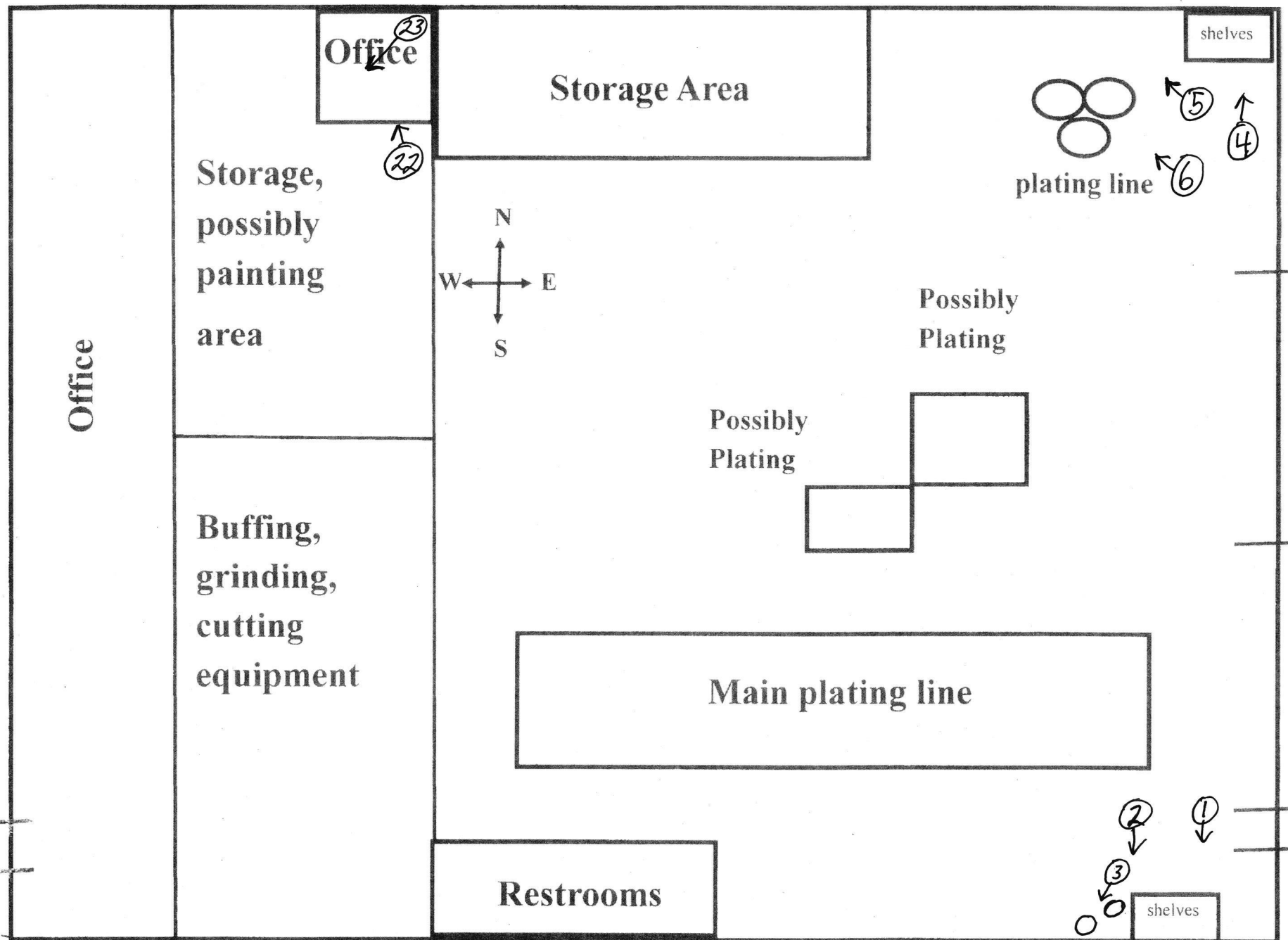
Compliance Evaluation Inspection	DESCRIPTION	Photo of the facility office located along the north wall of the facility directly west of the maintenance/tool area. The door to the office was locked during the Sept. 6, 2016, EPA inspection.	23
	PHOTOGRAPHER	Trevor Urban	Date <i>TUE</i> 04/15/19
<div style="height: 300px; border: 1px solid black;"></div>			
Compliance Evaluation Inspection	DESCRIPTION		Date
	PHOTOGRAPHER		



ATTACHMENT 6 Page 1 of 2

Ⓢ = Photo number + Direction Taken

Tanks are numbered in the same order as Identified when Sampled by the Senaca Company on October 27, 2015.



(#) → = Photo # and Direction Taken



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7

11201 Renner Boulevard
Lenexa, Kansas 66219

JAN 18 2017

MEMORANDUM

SUBJECT: RCRA Compliance Evaluation Inspection at
Chrome Reflections
4141 East 14th Street, Des Moines, Iowa 50313
RCRA ID No.: IAR000521112

FROM: Kevin D. Snowden, Environmental Scientist
Waste Enforcement and Materials Management Branch

THRU: Mary Goetz, Chief
Waste Enforcement and Materials Management Branch

TO: File

[Handwritten signature]
01-17-2017

[Handwritten signature] 18 Jan 17

Background

On September 6, 2016 at the request of Air and Waste Management Division, I performed a focused Resource Conservation and Recovery Act Compliance Evaluation Inspection at Chrome Reflections, 4141 East 14th Street, Des Moines, Iowa 50313 (RCRA ID No.: IAR000521112). I conducted the inspection under the authority of RCRA Section 3007(a), as amended. During the inspection, I collected the information and data necessary to determine the facility's compliance with the applicable regulatory and statutory requirements. This memorandum and attachments present the results of the inspection. Based on the information obtained during the course of the inspection, I inspected Chrome Reflections as a potential generator of hazardous waste. Chrome Reflections is no longer operating at this location. The company abandoned all of its equipment, products, and waste onsite.

The EPA last conducted a RCRA CEI at this facility on May 23-24, 2016. Access to the facility was provided by Suann Donovan, City of Des Moines, Neighborhood Inspection Division, Zoning Administrator (515-283-4516). At the time of this inspection, the facility was not operating and no one representing the facility was available to answer questions or provide records. Because no facility representatives were available to answer questions during this inspection, the Hazardous Waste Site Verification Form was not updated and a Region 7 Multimedia Screening Checklist, Confidential Business Information form, and Notice of Preliminary Findings were not completed.

Prior to this RCRA CEI, I met with Ms. Donovan, Jim Nelson (City of Des Moines, Neighborhood Inspection Division, Neighborhood Inspector Supervisor) and Paul Ebert (Des Moines Wastewater Reclamation Facility, Regulatory Compliance Team Leader) at their offices on August 9, 2016. I discussed Chrome Reflection's compliance history with the City of Des Moines personnel. In addition, Mr. Nelson, Mr. Ebert, and I conducted a brief reconnaissance of the Chrome Reflections facility. During this visit, I took photographs of the current conditions at the facility. These photographs are in the facility file.



On August 30, 2016, I received an email from Ms. Donovan providing notification that a company called US Waste was preparing to clean out the facility. I contacted Ms. Donovan and determined that the facility clean out was to begin at 8:00 a.m. on September 6, 2016. I also learned that Mr. Bill Moyer of Imperial Properties, Inc. had provided notification to the EPA for Chrome Reflections on or about August 11, 2016. The notification provided to the EPA indicated that Chrome Reflections was a Large Quantity Generator of hazardous waste, Mr. Moyer (515-490-3171) was listed as the facility representative, and the legal owner of the facility shown was Imperial Properties, 801 Southeast 14th Street, Des Moines, Iowa 50317.

RCRA CEI Conducted September 6, 2016

On September 6, 2016, I arrived at the facility at 10:10 a.m. I met Daren Basham, Truck Driver, Basin Transportation, 1971 North George Nigh Expressway, McAlester, Oklahoma (RCRA ID No.: OKR000031492). Mr. Basham indicated that the facility building was currently locked and that he was waiting for Mr. Moyer to locate the hazardous waste manifests that were sent to him via UPS. After a few minutes, Ms. Donovan arrived with City of Des Moines Fire Department personnel. DMFD personnel included Captain Bob Suarez and Lieutenant Brian Davis of the Special Operations Section. We discussed the waste removal with Mr. Basham. Mr. Basham reported that the waste was to be shipped to Victory Environmental, Victory, Ohio. Mr. Basham indicated that he would not begin his waste removal operations until Mr. Moyer provided the manifests required for this waste shipment.

At approximately 11:00 a.m., Ms. Donovan received a telephone call from Clark Odom, Project Manager, of US Wastes. Ms. Donovan handed her telephone to me and I spoke with Mr. Odom. Mr. Odom and I discussed my observations of the Chrome Reflections facility. Mr. Odom indicated that there was some confusion concerning the tank numbering system that was used by Seneca Companies, 4140 Northeast 14th Street, Des Moines, Iowa 50313 during the October 2015 sampling event conducted at the facility. Mr. Odom said that Mr. Moyer was attempting to obtain this information from Seneca.

At approximately 11:30 a.m., Mr. Moyer arrived at the Chrome Reflections facility with the hazardous waste manifests. Mr. Moyer invited me to sit inside his automobile where I conducted my entry briefing and explained the purpose of the CEI in detail. I provided him a copy of RCRA §3007(a) (stipulating hazardous waste inspection authority), as well as a copy of U.S.C. Title 18, §1001/1002 (requiring the provision of truthful and accurate information and documentation), which he read prior to me proceeding with the CEI. I explained the EPA policy regarding the collection of CBI to Mr. Moyer. He was advised that that he would receive a copy of the EPA Confidentiality Notice during the exit briefing. I further explained that at the time a CBI claim could be made for any or all of the information collected during the CEI. The CEI consisted of an entry briefing; discussion of known operations, waste generation, and waste management practices; a visual inspection; an inventory of potential wastes observed at the facility; and photographs taken of potential wastes observed at the facility. A formal exit briefing did not occur.

During the entry briefing, Mr. Moyer indicated that he was not responsible for any of the materials or wastes inside of the facility. He told me that he would not sign any of the forms presented to him during the EPA's inspection since he believed that he was not responsible for the problems at Chrome Reflections. He said that Russ and Tammy McKeenan leased the property and they were responsible for the materials and wastes inside of the facility. He said that he had spent approximately \$12,000 having Seneca perform the tank sampling during the October 2015 sampling event. He was unsure of when Chrome Reflections started operations at this location. Mr. Moyer stated that he was planning to remove everything from the building, power wash the building, and ship all of the metal inside of the building to a recycler. Mr. Moyer did not know how the power wash rinse water would be disposed. Following

these activities, Mr. Moyer said that the building would either be torn down or a new tenant would be found. Mr. Moyer indicated that he was still attempting to contact the project manager at Seneca to determine how the tanks were numbered during the October 2015 sampling event.

At approximately 12:00 p.m., Seneca contacted Ms. Donovan and indicated that during the October 2015 sampling event, each of the tanks had been numbered using a permanent marker. Ms. Donovan and I accessed the facility building. After a few minutes, Ms. Donovan and I were able to determine where the tanks were numbered within the Main Plating Line. The numbers are located on the north side on the lip of each tank within the Main Plating Line. The Main Plating Line consisted of 15 tanks. Tank #1 was located on the west end and Tank #13 was located on the east end of the Main Plating Line. Two of the tanks did not contain liquids (but contained sludge) and were unnumbered. We were unable to locate Tank #14, #15, #16, and #17.

After determining the numbering system for the Main Plating Line tanks, Mr. Basham was instructed by US Waste to begin removing the tank contents beginning with Tank #1. Mr. Basham said that he was instructed not to remove the liquid wastes in Tank #10 and #14 due to the amounts of cyanide detected during the October 2015 sampling event. I observed Mr. Basham remove the liquids from Tanks #1, #2, #3, #4, #5, #6, #7, #8, and #11. Mr. Basham said that he was unable to remove any additional liquids from any of the other tanks due to weight restrictions. Mr. Basham reported that the liquids in Tank #9 were reacting with his aluminum stinger and had etched the aluminum (Attachment 1, Photograph No. 12). Therefore, Mr. Basham did not remove any of the liquids from this tank. Mr. Basham reported that on average, approximately 500 gallons were removed from each tank. I observed the tanks that Mr. Basham had removed liquids. There was at least one inch of liquids and sludge left in each of these tanks (Attachment 1, Photograph Nos. 9, 10, and 11).

While Mr. Basham was removing liquids from the tanks for offsite transport, I conducted an inventory and collected photographs (Attachment 1) of the chemicals and other facility features that I observed during my September 6, 2016 visit. The inventory included the following:

Tank/Container/Feature*	Photograph Number**	Comment
One 15-gallon stainless steel container	1	Located west of the Main Plating Line.
Shelves of cleaners, paints, and other chemicals	2	Located along the north wall of the plating room.
Chemicals in the storage rooms north of the plating room	3, 4	Located in the storage rooms north of the plating room.
Reactor tank and residue on the plating room floor	5	North of the Main Plating Line.
Residue on the plating room floor	5, 6	Residue was observed on the concrete floor at various locations within the facility.
One 1/6 full 55-gallon black plastic container	7	Located near the reactor tank north of the Main Plating Line.
One 5-gallon blue plastic carboy container	7	Located near the reactor tank north of the Main Plating Line.
Three 15-gallon open top plastic containers (two, 2/3 full; one 1/3 full)	8	Located north of the Main Plating Line.

Tank/Container/Feature*	Photograph Number**	Comment
Leftover sludge and liquids in Tank Numbers 1 through 8, 11, and other "empty" tanks	9, 10, 11	Observed in the Main Plating Line tanks.
Anodes	10, 13, 14, 15, 16, 17	Observed in Tank Numbers 4 and 7 of the Main Plating Line, in the two unnumbered tanks north of the Main Plating Line, and in the 55-gallon plastic container in the Barrel Line north of the Main Plating Line.
Liquids in the three 55-gallon black plastic containers (one was full and two were 2/3 full)	17	Located in the of the Barrel Line north of the Main Plating Line.
Three five-gallon blue carboy containers	18	Next to the Barrel Line.
Potential sludge and liquids in the 20-gallon "Hotsy" washer tank	19	It could not be determined whether this tank contained any wastes.
Containers/materials observed in the North shelving unit including: <ul style="list-style-type: none"> - four 55-gallon plastic containers observed on the top shelf; - one 55-gallon black metal container observed on the top shelf; - eight five-gallon plastic containers observed on the top shelf; - four 55-gallon fiber containers observed on the middle shelf; and - approximately 12 large paper bags (some labeled "sodium hypochlorite") observed on the bottom shelf/floor. 	20	The North shelving unit is located at northeast corner of the building.
	4	

Tank/Container/Feature*	Photograph Number**	Comment
<p>Containers/materials observed in the South shelving area including:</p> <ul style="list-style-type: none"> - six 30-gallon black plastic containers (several labeled "corrosive") observed on the top shelf; - four 40-gallon fiber containers (one is leaking) observed on the middle shelf; - one 55-gallon black metal container that was very corroded on the floor and immediately west of the South shelving unit; - one metal box on wheels containing several plastic totes on the floor beneath the South shelving unit; - one 30-gallon black plastic carboy that was turned upside down inside of a 55-gallon plastic container that had been cut in half observed beneath the South shelving unit; - one 55-gallon black plastic open top container with several inches of liquid observed beneath the South shelving unit; - several five-gallon containers of anodes observed beneath the South shelving unit; - 8-10 five-gallon plastic and metal containers (the metal containers were very corroded) observed beneath the South shelving unit; - one 30-gallon black plastic carboy observed beneath the South shelving unit; - one 10-gallon black metal container labeled "chromic acid" observed beneath the South shelving unit; - one 55-gallon fiber container labeled "(unreadable) acid" observed beneath the South shelving unit 	21, 22, 23, 24, 25, 26	The South shelving area unit is located at southeast corner of the building.
Blasting media (i.e., sand, glass beads, etc.)	27	Located inside of the sand blasting unit in the metal finishing room.
Dust, debris, etc.	27, 28, 29	Located inside of the two vacuum/one floor sweeper units observed in the metal finishing area.
Multiple gas cylinders	20, 21, 22, 23, 29	Observed throughout the facility.
	5	

Tank/Container/Feature*	Photograph Number**	Comment
Spent fluorescent lamps	30	Observed throughout the facility and not stored in containers.

* - A Notice of Violation was completed which included a violation for Title 40 Code of Federal Regulations (40 CFR) 262.11 – Failure to conduct hazardous waste determinations. This violation listed all items in this table (Attachment 2).

** - Photographs are included in Attachment 1.

Following the completion of my inventory of chemicals, materials, and wastes at the Chrome Reflections facility, I went to the Car City on 14th car dealership that was next door to the facility and I attempted to locate Mr. Moyer. Mr. Moyer arrived after a few minutes. I told Mr. Moyer that I needed approximately 45 minutes to one hour to complete the paperwork that I needed to provide to him. Mr. Moyer told me again that he would not sign any the paperwork that I was planning to provide to him as part of the RCRA CEI visit. I contacted Jennifer Trotter, EPA Region 7 Office of Regional Counsel (913-551-7180) and discussed Mr. Moyer's intentions. Ms. Trotter indicated that I should complete the paperwork and indicate on the paperwork Mr. Moyer's refusal to sign. After I completed my paperwork, I attempted to find Mr. Moyer. According to Danielle Atkinson (danielle@carcityinc.com or 515-265-0227) Mr. Moyer's Book Keeper, Mr. Moyer had left Car City for the day. Ms. Atkinson attempted to contact Mr. Moyer several times while I was present. Mr. Moyer did not answer nor did he return Ms. Atkinson's calls. I asked Ms. Atkinson whether she could photocopy the unsigned copies of the Notice of Violation (NOV) and CBI forms (Attachments 2 and 3). Ms. Atkinson photocopied the forms and indicated that she would provide the copies of these forms to Mr. Moyer.

I completed the RCRA CEI and departed the facility at approximately 3:50 p.m.

Summary

During the September 6, 2016 RCRA CEI performed at Chrome Reflections, I determined that this facility was a generator of solid wastes and possibly hazardous wastes based on an inventory of the chemicals, wastes and materials inventoried during the inspection. I attempted to leave completed NOV and CBI forms with the facility representative, Mr. Bill Moyer. However, he refused to sign these forms and could not be located at the completion of the inspection to present the unsigned forms to him.

Attachments

1. Photographs (16 pages)
2. Unsigned Notice of Violation (3 pages)
3. Unsigned Confidentiality Notice (1 page)

ATTACHMENT 1

Chrome Reflections
4141 East 14th Street
Des Moines, Iowa 50313
RCRA ID No.: IAR000521112

RCRA CEI Photographic Log
September 6, 2016

All Photographs Taken By
Kevin D. Snowden

U.S. Environmental Protection Agency
Region 7, AWMD/WEMM

ATTACHMENT 1 Page 1 of 16



Photo 1 – 9/6/2016, 15-gallon stainless steel container located west of the Main Plating Line.



Photo 2 – 9/6/2016. Shelves of cleaners, paints, and other containers along the facility's northern wall.

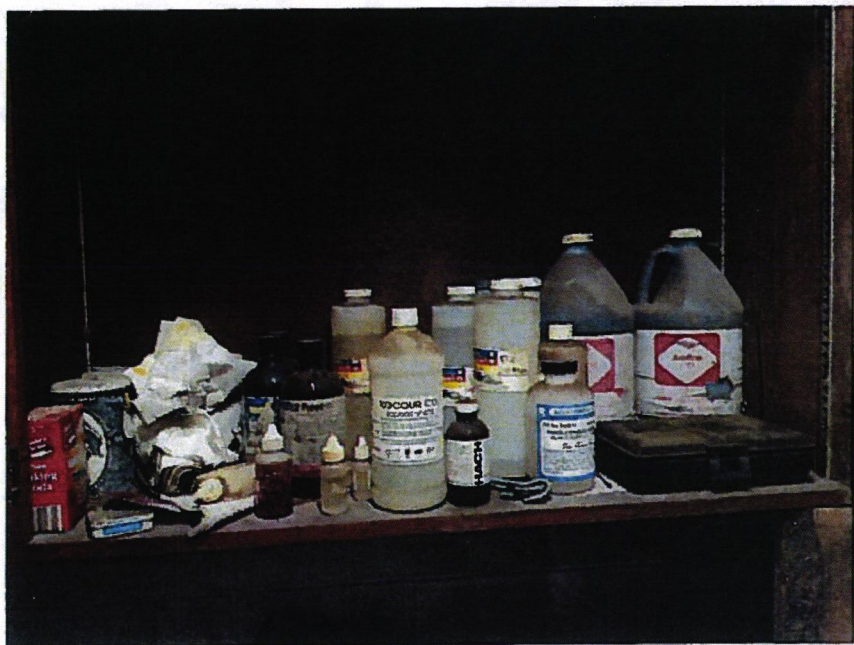


Photo 3 – 9/6/2016. Chemicals located in the north storage rooms.

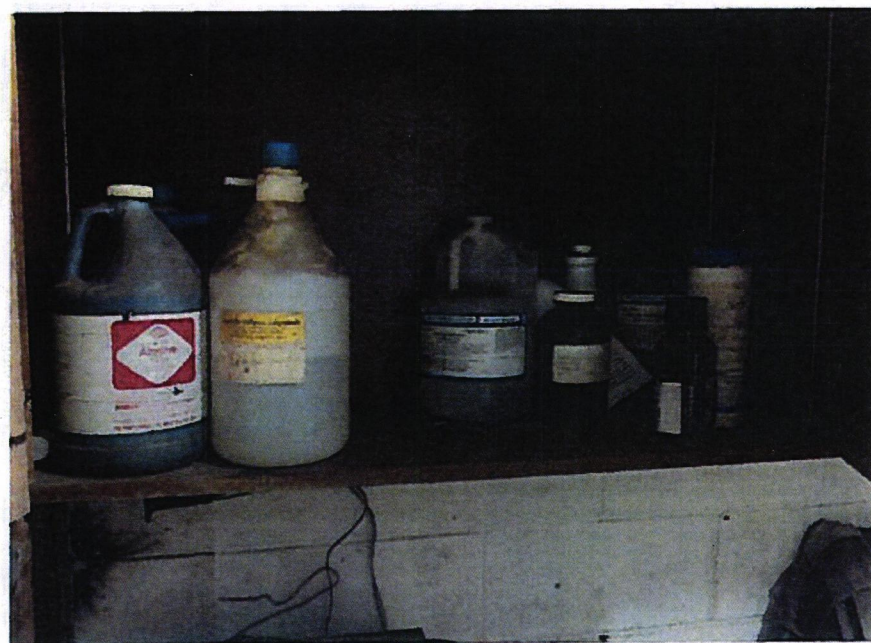


Photo 4 – 9/6/2016. Chemicals located in the north storage rooms



Photo 5 – 9/6/2016, Reactor tank and residue on the concrete floor.



Photo 6 – 9/6/2016. Residue on the concrete floor.



Photo 7 – 9/6/2016. Black open top 55-gallon container that was approximately 1/6 full and five-gallon carboy containing approximately one gallon of liquid.



Photo 8 – 9/6/2016. Three open top 15-gallon containers. Containers from left to right are holding 10 gallons, five gallons, and 10 gallons respectively.

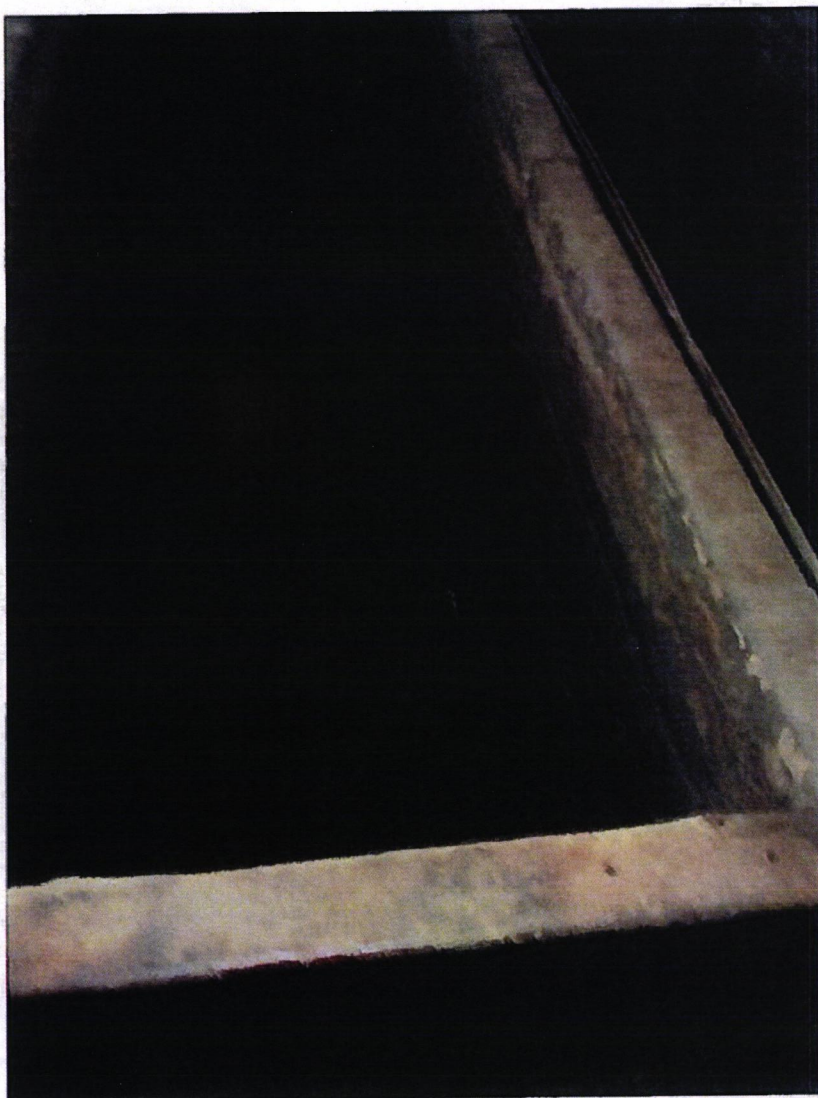


Photo 9 – 09/06/2016. Leftover liquids and sludge in a main plating line tank.



Photo 10 – 09/06/2016. Leftover liquids and sludge observed in a main plating line tank. Lead anodes hanging from a steel bar on the left side of the tank.

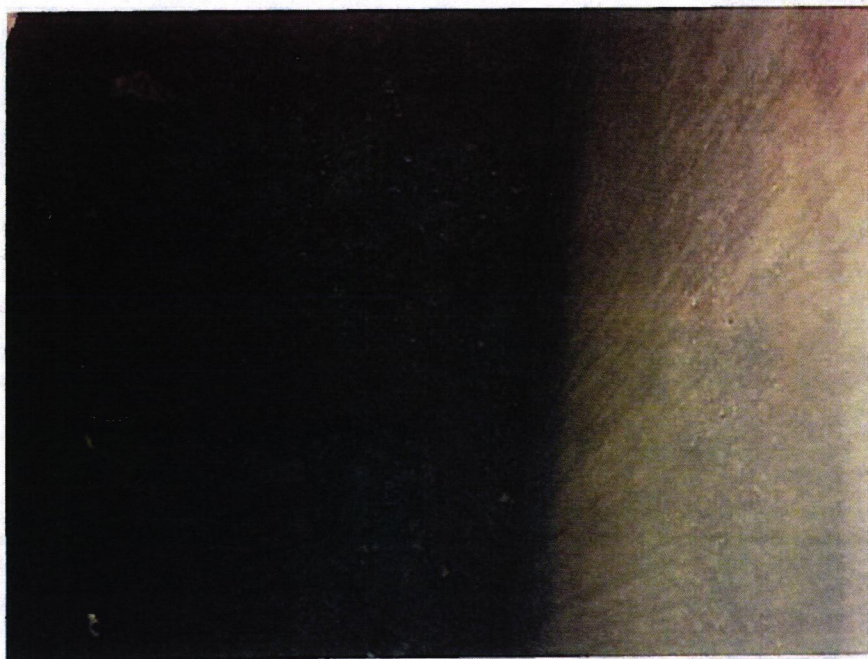


Photo 11 – 09/06/2016. Sludge and debris observed inside of a main plating line tank.



Photo 12 – 09/06/2016. Liquid being removed from plating tank by the waste hauler. Waste hauler reported that the aluminum "stinger" used was reacting with the plating solution and becoming "etched" (see smoke emanating from the stinger).



Photo 13 – 09/06/2016. Plating tank north of the main plating line.
Lead anodes hanging from the steel piping on the sides of the tank.

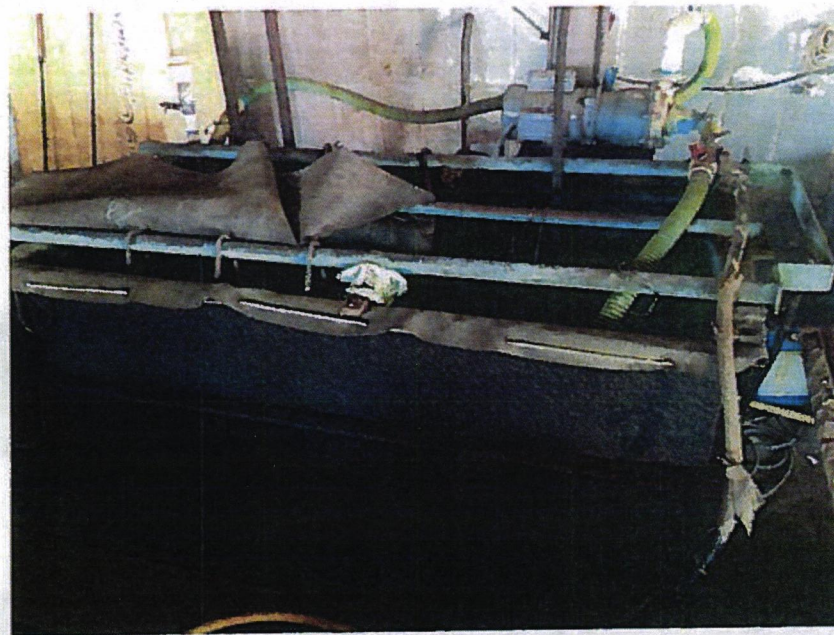


Photo 14 – 09/06/2016. Plating tank north of the main plating line.
Lead anodes hanging from the steel piping on the sides of the tank.

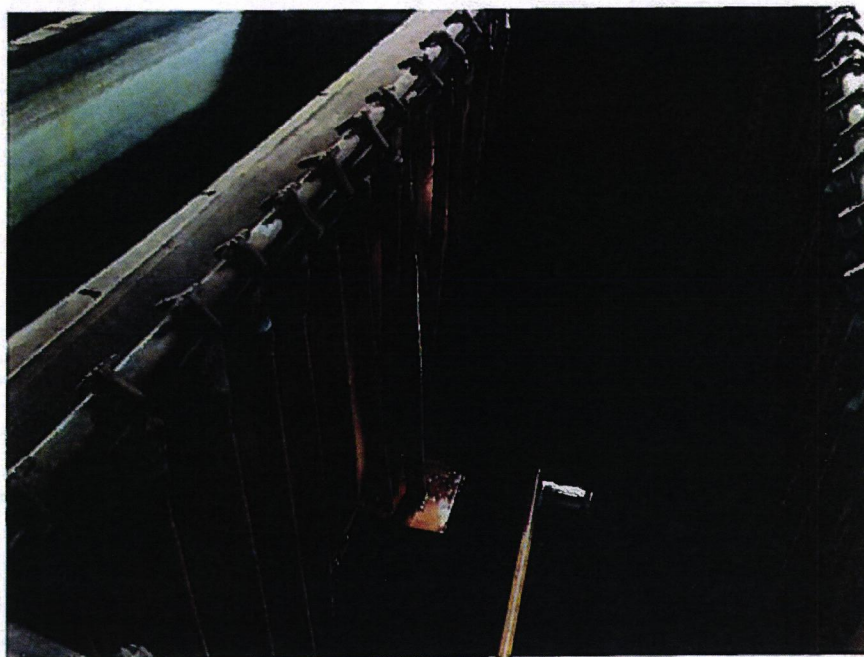


Photo 15 – 09/06/2016. Main plating line tank with lead anodes hanging from steel piping on the sides of the tank.

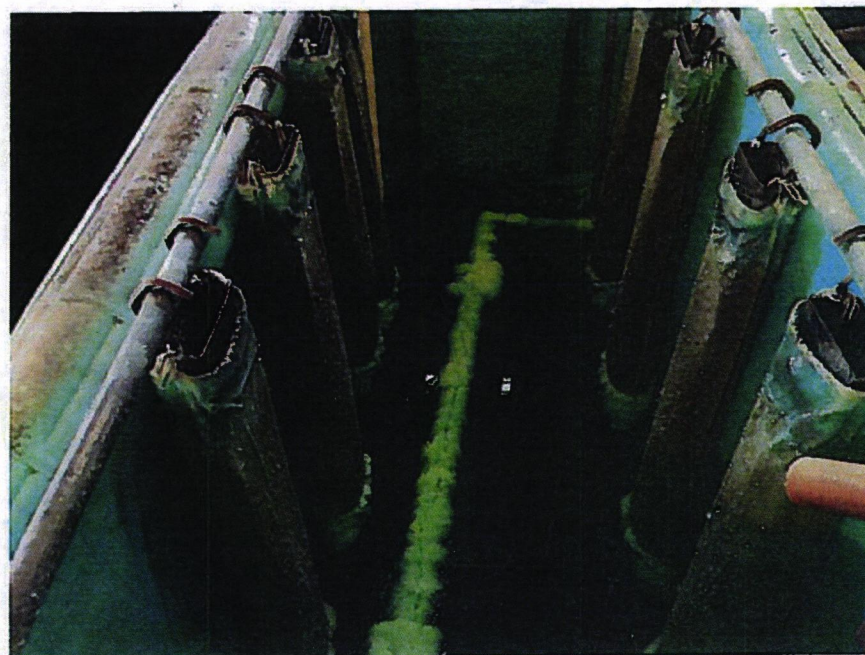


Photo 16 – 09/06/2016. Main plating line tank with lead anodes hanging from steel piping on the sides of the tank. Liquids remaining in the bottom of the tank.



Photo 17 – 09/06/2016. Barrel line located north of the main plating line. Lead anodes hanging from steel pipes along the sides of the barrels.

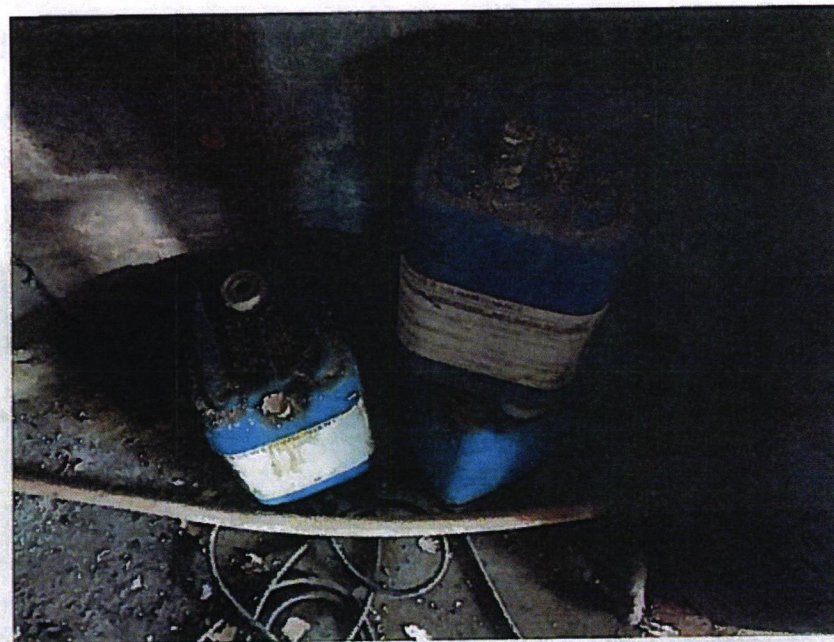


Photo 18 – 09/06/2016. Three five-gallon blue carboy containers observed next to the barrel line.

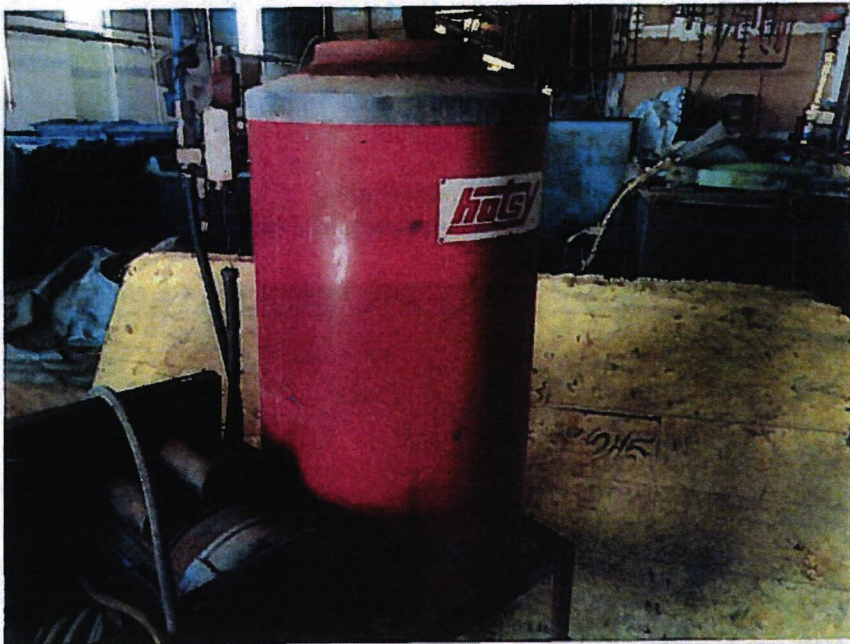


Photo 19 – 09/06/2016. Potential sludge and liquids in the 20-gallon "Hotsy" washer tank.



Photo 20 – 09/06/2016. Containers and other items stored on and beneath the North shelving unit.

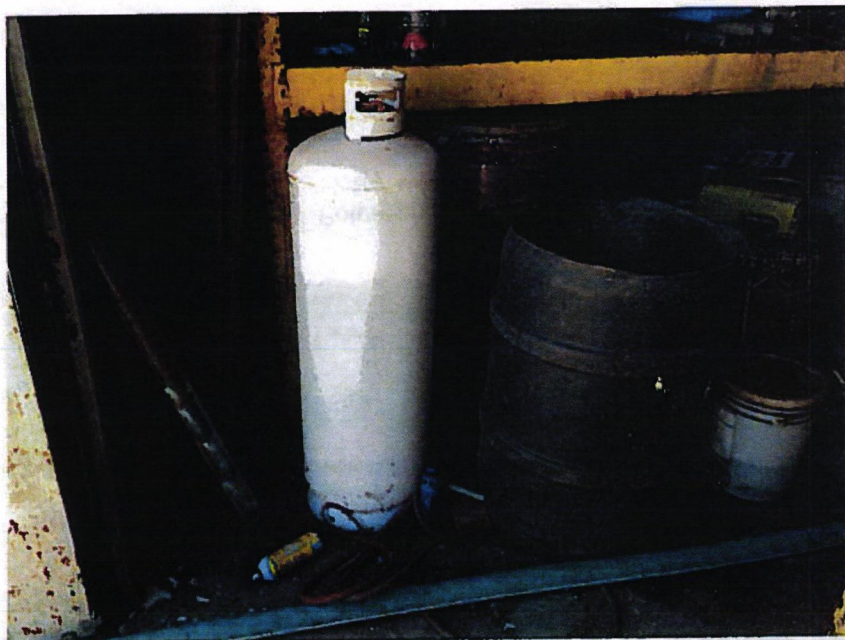


Photo 21 – 09/06/2016. Containers and other items stored beneath the South shelving unit.

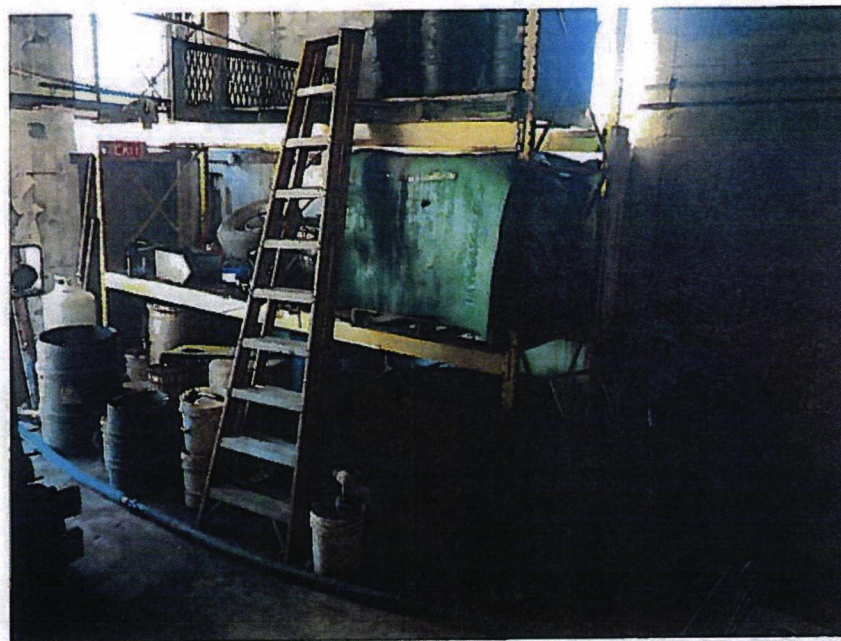


Photo 22 – 09/06/2016. Containers and other items stored on and beneath the South shelving unit.

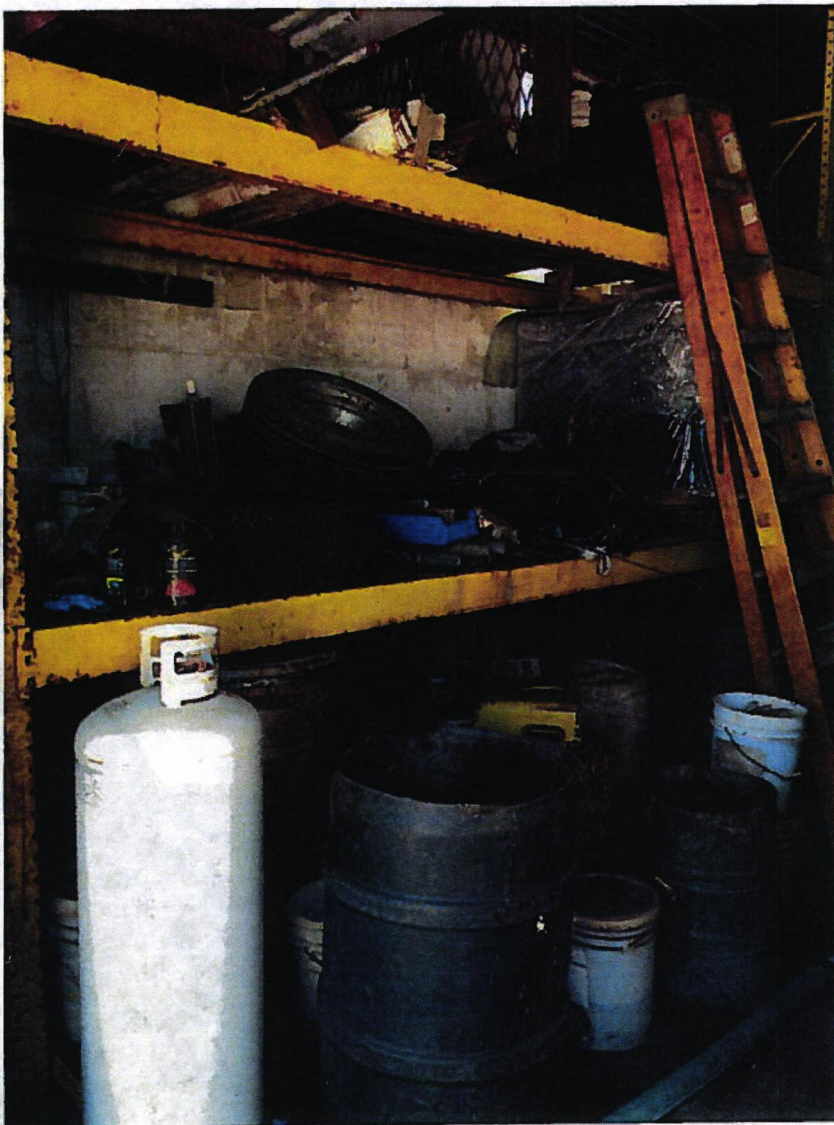


Photo 23 – 09/06/2016. Containers and other items stored on and beneath the South shelving unit.



Photo 24 – 09/06/2016. Containers and other items stored beneath the South shelving unit.



Photo 25 – 09/06/2016. Containers and other items stored beneath the South shelving unit.



Photo 26 – 09/06/2016. Containers and other items stored beneath the South shelving unit.



Photo 27 – 09/06/2016. Sand blasting unit and wet/dry vacuum located inside of the metal finishing room, west side of the building.



Photo 28 – 09/06/2016. Floor sweeper unit inside of the metal finishing room, west side of the building.



Photo 29 – 09/06/2016. Vacuum cleaner unit and gas cylinders observed in the metal finishing area.

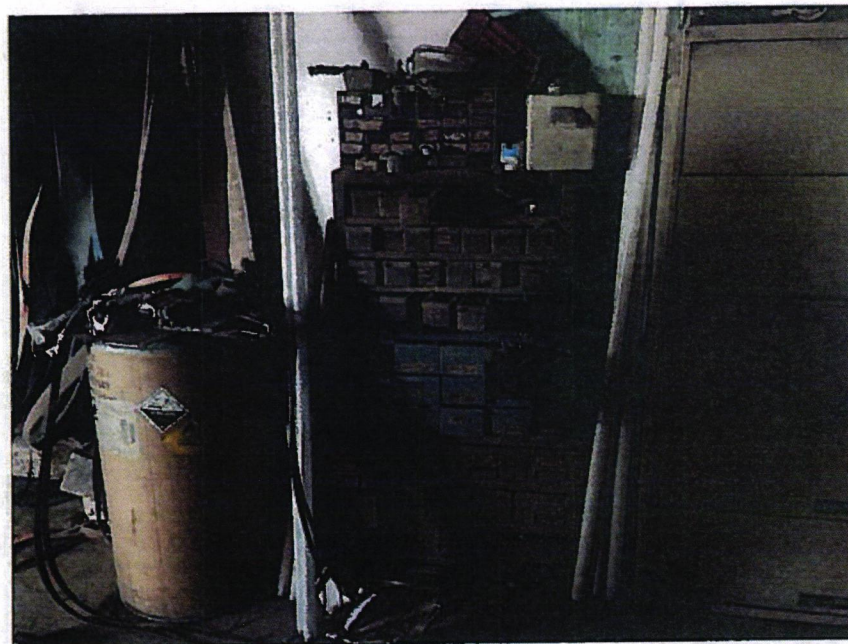


Photo 30 – 09/06/2016. Spent fluorescent lamps observed in the metal finishing area.

Notice of Violation Pursuant to Requirements
of the Resource Conservation and Recovery Act (RCRA)

TO: Facility Name: Chrome Reflections
Address: 4141 East 14th Street
Des Moines, Iowa 50313
EPA ID Number: IAR000521112 Date: September 6, 2016

This notice is provided to call your attention to the following areas of noncompliance with state and federal regulations. This notice does not constitute a compliance order (Administrative Civil Complaint) pursuant to Section 3008 of RCRA and may not be a complete listing of all violations resulting from the the inspection.

Citation

Description of Violation

Title 40 Code of Federal
Regulations (40CFR) 262.11

Failure to conduct a waste determination on the
following waste streams:
- Tanks 9, 10, 14, 15, 16 and 17 (Tanks 14-17 were not located)
- (1) 15-gallon stainless steel drum west of main plating line
- Shelves of cleaners, paints, and chemicals along the north wall
- Chemicals in the north storage rooms
- Residue on floor of plating room
- Reactor tank north of main plating line
- one 1/2 full black plastic 55-gallon drum and 1.5-gallon blue
can by reactor
- three 1.5-gallon open top containers north of main plating line
- Sludge and liquids in "empty" tanks and Tanks 1 through 8 and 11
- Anodes in Tanks 4, 7, two unnumbered tanks and
55-gallon drum north of main plating line

You are requested to submit a written response within 14 calendar days of receipt of this notice. Your response should include a description of all corrective actions taken and/or a schedule for completing the necessary corrective actions. The response should be submitted to:

U. S. Environmental Protection Agency, Region VII
11201 Renner Boulevard
Kansas City, Kansas 66219

ATTN: Kevin D. Snowden, AWM/DWEMM

If you have any questions about this Notice or wish to discuss your response, you may call me at 913-551-7022, or _____ (Compliance Officer) at _____.

This Notice prepared by Kevin D. Snowden Date: September 6, 2016

The undersigned person acknowledges that he/she has received a copy of this Notice and has read same.

The facility
representative
Bill Mayer
refused to sign
this notice.
September 2016

Printed Name: _____ Date: _____
Signature: _____
Title: _____

Page 1 of 3

ATTACHMENT 2 Page 1 of 3

ATTACHMENT 7 Page 23 of 26

Notice of Violation Pursuant to Requirements
of the Resource Conservation and Recovery Act (RCRA)

TO: Facility Name: Chrome Reflections
Address: 4141 East 14th Street
Dos Moines, Iowa 50313
EPA ID Number: IAR 00052112 Date: September 6, 2016

This notice is provided to call your attention to the following areas of noncompliance with state and federal regulations. This notice does not constitute a compliance order (Administrative Civil Complaint) pursuant to Section 3008 of RCRA and may not be a complete listing of all violations resulting from the the inspection.

Citation

Description of Violation

40 CFR 262.11 (continued)

- 3, black 55-gallon containers in Barrel Line (2, full)
- three blue, 5-gallon carboys next to Barrel Line
- 20-gallon Hotsy washer tank
- North Shelving Unit Chemicals (see attached)
- South Shelving Unit Chemicals (see attached)
- Sand Blaster media in metal finishing area
- Dust in three vacuums/floor sweeper units
- in metal finishing area
- multiple gas cylinders at the facility
- Fluorescent lamps

You are requested to submit a written response within **14 calendar days** of receipt of this notice. Your response should include a description of all corrective actions taken and/or a schedule for completing the necessary corrective actions. The response should be submitted to:

U. S. Environmental Protection Agency, Region VII

ATTN: Kevin D. Snowden

If you have any questions about this Notice or wish to discuss your response, you may call me at

913-551-7022, or _____ (Compliance Officer) at _____

This Notice prepared by

Kevin D. Snowden

Date:

September 6, 2016

The undersigned person acknowledges that he/she has received a copy of this Notice and has read same.

The facility representative

Bill Mayer
refused to sign
this notice.

Printed Name:

Date:

Signature:

Title:

Page 2 of 3

ATTACHMENT 2 Page 2 of 3

ATTACHMENT 7 Page 24 of 26

September 6, 2016

Writome Reflections
4141 East 14th Street
Des Moines, Iowa 50313
EPA ID Number: IAR00052112
Date: September 6, 2016

North Shelving Unit

Top Shelf - 4, plastic 55-gallon Containers
1, metal 55-gallon container
8, 5-gallon plastic Containers

Middle Shelf - 4, 55-gallon fiber containers

Bottom Shelf - ~12, large bags (paper) some say sodium hypochlorite

South Shelving Unit

Top Shelf - 6, 30-gallon black plastic Containers several labeled as Corrosive

Middle Shelf - 4, 40-gallon fiber Containers, one is leaking

Bottom Shelf - 1, metal 55-gallon (black) container (very corroded)
- 1, metal box on wheels containing plastic totes
- 1, 30-gallon black plastic Carboy that was upside down inside a 1/2 plastic 55-gallon Container
- 1, black plastic 55-gallon Container with several inches of liquid
- Several 5-gallon containers of anodes
- 8 to 10 plastic and metal 5-gallon containers the metal containers are very corroded
- 1, black plastic 30-gallon Carboy
- 1, black 10-gallon metal container labeled ^{Chromic} Acid
- 1, 55-gallon fiber container labeled (unredible) Acid

The facility representative Bill Mayer refused to sign this notice. *KDS* September 6, 2016

prepared by: Kevin D. Snowden

KDS September 6, 2016

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CONFIDENTIALITY NOTICE

Facility Name Chrome Reflections	
Facility Address 4141 East 14th Street, Des Moines, Iowa 50313	
Inspector (print) Kevin D. Snowden	
U.S. EPA, Region VII, 901 N. 5th St., Kansas City, KS 66101	Date 09-06-2016

The United States Environmental Protection Agency (EPA) is obligated, under the Freedom of Information Act, to release information collected during inspections to persons who submit requests for that information. The Freedom of Information Act does, however, have provisions that allow EPA to withhold certain confidential business information from public disclosure. To claim protection for information gathered during this inspection you must request that the information be held CONFIDENTIAL and substantiate your claim in writing by demonstrating that the information meets the requirements in 40 CFR 2, Subpart B. The following criteria in Subpart B must be met:

1. Your company has taken measures to protect the confidentiality of the information, and it intends to continue to take such measures.
2. No statute specifically requires disclosure of the information.
3. Disclosure of the information would cause substantial harm to your company's competitive position.

Information that you claim confidential will be held as such pending a determination of applicability by EPA.

I have received this Notice and <u>DO NOT</u> want to make a claim of confidentiality at this time.	
Facility Representative Provided Notice (print)	Signature/Date

I have received this Notice and <u>DO</u> want to make a claim of confidentiality.	
Facility Representative Provided Notice (print)	Signature/Date

Information for which confidential treatment is requested:

The facility representative Bill Mayor refused to sign this Notice.

September 6, 2016



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7

11201 Renner Boulevard
Lenexa, Kansas 66219

FEB 13 2018

MEMORANDUM

SUBJECT: Chrome Reflections/Imperial Properties
4141 E. 14th Street, Des Moines, Iowa
RCRA ID No. IAR000521112
Case team recommendation

FROM: Kevin Snowden, Case Officer, AWMD/WEMM Branch
Jennifer Trotter, Assistant Regional Counsel

THRU: Erin Weekley, CNSL
Mary Goetz, AWMD/WEMM

TO: File

Chrome Reflections is located in Des Moines, Iowa. Chrome Reflections was a chrome plating operation. Chrome Reflections was the operator of the plating business, and the property is owned by Imperial Properties (owner). The City of Des Moines, Iowa has had legal zoning matters with the owner of the property that resulted in the operator ceasing operations and the City taking charge of access to the property. The City had an Order requiring the owner to remove the waste from the property, or giving the City the ability to do so and assign the cost to the owner. The EPA performed RCRA inspections on May 23-24, 2016 and September 6, 2016. Since the property owner refused to sign/accept the September 6, 2016 Notice of Violation, the EPA issued a Letter of Warning/Request for Information letter on September 16, 2016 and a second Letter of Warning/Request for Information letter on December 16, 2016. The property owner failed to respond to either of these letters. On September 22, 2017, after consultation with the EPA, the City sent a letter to the facility owner and their legal representative setting a deadline for the owner to contract with a company that would perform testing/sampling on chemicals/waste still inside the building and remove/dispose of the waste by the end of 2017. The owner cooperated with the City, but due to a miscommunication, the keys were given back to the owner and the City released its Order before the clean-up was complete. As of January 29, 2018, the City has an emergency order in place and is seeking a more permanent order that will require the owner to complete the proper disposal of remaining wastes in the building and address any other chemicals remaining in the building. Under the emergency order, the City has secured access to the building and the owner is currently cooperating. EPA RCRA will continue to coordinate with the City on the clean-up at this facility.

With regards to the EPA enforcement, the case team had not pursued a civil enforcement action as it had not been able to make contact with the operator. There was also the issue of the City order requiring the plating business to cease operations and the building to be vacated. EPA CID is looking into the possible enforcement on the operator. With regards to the owner, the case team has suggested not pursuing civil

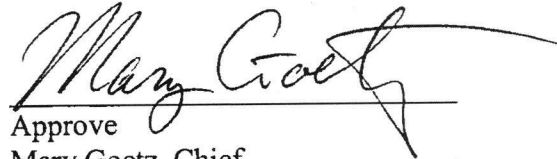
RCRA



570274

penalties for the waste that had been left behind by the operator, but rather coordinating with the City to ensure the owner conducts proper clean-up and disposal of the wastes in the building.

Though the case team does not recommend pursuing civil penalties against the owner, it does continue to recommend coordinating with the City to ensure clean-up and disposal. It is possible that the case team could recommend some type of compliance order in the future if the owner ceases cooperation with the City. The EPA would also coordinate with the City and EPA SUPR on best next steps if the owner ceases cooperation with the City. Based on this information, the case team suggests continuing our efforts to coordinate with the City, and if necessary, taking steps to assist in efforts to ensure proper clean-up and disposal.

A handwritten signature in black ink, appearing to read "Mary Goetz", with a long horizontal flourish extending to the right.

Approve

Mary Goetz, Chief

Waste Enforcement & Materials Management

Air & Waste Management Division

Chrome Reflections
4141 East 14th Street, Des Moines, Iowa
RCRA ID No. IAR000521112

Chrome Reflections, 4141 East 14th Street in Des Moines, Iowa. Chrome Reflections is a chrome plating operation. Chrome Reflections was the operator and the property is owned by Imperial Properties (owner). Legal zoning matters between the City of Des Moines, Iowa and the property owner resulted in the operator ceasing operations and the City taking charge of access to the property. The City has an Order requiring the operator to remove the waste from the property or giving the City the ability to do so and assign the cost to the operator.

The EPA performed RCRA inspections May 23-24, 2016 and August 9, 2016. EPA sent a Letter of Warning/Request for Information letter to the property owner/legal counsel on September 16, 2016 and a second LOW in mid-December 2016. A response was never received. On September 22, 2017, the City sent a letter to the property owner and their legal representative that set a deadline of the end of 2017 to have a contract with a company that will perform testing/sampling on waste and remove/dispose of the waste. In December 2017, the City indicated that US Ecology was working to remove hazardous wastes/chemicals within the building. Later in December, the City indicated that US Waste had informed the City that all hazardous material had been removed from the building. At that time, the City indicated that they were planning to enter the building to complete a visual inspection to confirm that the wastes/chemicals had been removed.

On January 18, 2018, the City indicated that during their site reconnaissance, City personnel found some wastes/chemicals were still present in the building. The City began coordinating with the property owner and waste removal contractors to address these remaining wastes/chemicals. According to information that was provided at the time, the following wastes/chemicals remained at Chrome Reflections:

- one drum, sodium cyanide;
- one drum, nitric acid;
- two drums, sodium hydroxide; and
- miscellaneous aerosols, cleaners, etc.

At the time, US Waste indicated that inventory of the wastes/chemicals remaining at Chrome Reflections may be incomplete.

The EPA was notified by the City during September 2018 that US Ecology would be removing and disposing the remaining wastes/chemicals at Chrome Reflections. Following September 29, 2018, the EPA requested the City to provide documentation that all wastes/chemicals had been removed. The City indicated that it could not provide the requested information since the property owner had not shared any documentation.

On December 20, 2018, an email was sent to Clark Odum (US Waste) and Bill Darling (US Ecology). This email requested documentation (i.e., manifests, bills of lading, shipping receipts, etc.) showing that the wastes/chemicals that remained at Chrome Reflections had been disposed. Additional emails were sent to Messrs. Odum and Darling. On January 29, 2019, Mr. Darling provided an email which included copies of manifests, Certificates of Disposal, and a table

Chrome Reflections
4141 East 14th Street, Des Moines, Iowa
RCRA ID No. IAR000521112

summarizing the wastes that were disposed during late 2017 and September 2018. EPA's review of this documentation found that most, if not all, of the wastes/chemicals had been disposed. On February 4, 2019, the EPA sent an email to SuAnn Donovan of the City to obtain confirmation from the City of Des Moines that all chemicals/wastes (i.e., containers/tanks holding chemicals/wastes) had been removed from the building. Ms. Donovan replied by email on this date. Her email indicated, "As far as I know the toxic chemicals have been removed. The holding tanks, equipment and other material remains in the building."

Based on the information obtained from the US Waste, US Ecology, and the City, it cannot be determined whether all wastes/chemicals that were remaining at Chrome Reflections have been removed and/or disposed.



SALES QUOTE

March 5, 2018

Dear Mr. Odum:

QUOTE #: 030518CHROME REFLECTIONS5DRUMS
COMPANY: US Waste Inc.
ADDRESS:

CONTACT: Clark Odum
PHONE: 843-599-0819
EMAIL: CLARK@USWONLINE.COM

REVISED UPDATED COST 7-6-18

US Ecology, Inc. is a leading North American provider of environmental services to commercial and government entities. We address the complex waste management needs of our customers, offering treatment, disposal and recycling of hazardous and radioactive waste, as well as a wide range of complementary field and industrial services. US Ecology's 60 years of experience and focus on safety, environmental compliance, and customer service, enable us to reliably and cost effectively meet the needs of our customers.

US Ecology Chicago specializes in the transportation, treatment, recycling and disposal of inorganic hazardous wastes including heavy metal-bearing wastes, corrosive wastes, and wastewaters. USE Chicago offers a unique delisting process that converts listed wastes into non-hazardous residuals. This process reduces customers' RCRA hazardous waste liabilities and minimizes disposal risks. USE Chicago operates a tin and nickel recovery service, provides lab services, and supports customer transportation needs with access to key routes.

We understand you need a professional, integrated transportation, treatment and disposal solution, and we have designed this project to meet these needs. Our best-in-class customer service leverages US Ecology's industry leading capabilities and will allow us to deliver the strongest solution available in the market today. We look forward to supporting you on this project!

SCOPE OF WORK: Provide personnel, equipment and consumables supplies to overpack and prepare five drums for proper shipment and disposal

1. Detailed inventory of waste for overpack/preparation for shipping and disposal
 - a. Cyanide 1 drum
 - b. Nitric 1 drum
 - c. Sodium Hydroxide 3 drums
2. Profile waste for disposal acceptance. PLEASE NOTE, profiles and approvals required prior to scheduling project.
 - Mobilize to the site
 - Identify local police, fire, ambulance, and hospital services
 - Hold and document health and safety meeting
 - Assigned task to personnel
 - Don appropriate PPE
 - Over-pack drums into D.O.T. approved containers
 - Prepare shipping documents: land band/manifest
 - Load drums for safe transportation to TSDF

USE understands the detailed scope of work as described above. USE will provide the necessary personnel, equipment, and materials to achieve project completion.

US ECOLOGY, INC., 17440 COLLEGE PARKWAY, SUITE 300, LIVONIA, MI 48152. 800-592-5489

1



RATES:

Disposal:

- Sodium Cyanide (1 drum)
 - \$726.00/drum
 - IL HAZ tax \$0.03/per gallon
- Nitric Acid (assume 1 drum)
 - \$689.00/drum
 - IL HAZ tax \$0.03/per gallon
- Sodium Hydroxide (assuming 3 drums or 1 CYB)
 - \$168.00/drum OR \$672.00/CYB
 - IL HAZ tax \$0.03/per gallon
 - IL HAZ tax \$6.06/per yard
- All waste will incur a 10% EIR fee (waste only)
- Waste codes will apply pursuant to lab report and once profiles are completed and technical approvals review and approve.

Transportation

- Waste will require two transportation fees due to CN. CN cannot be shipped with acids
 - \$3,403.00 (cyanide)
 - \$1,926.00 (sodium hydroxide/Nitric Acid)
 - Current fuel sur charge: 31%
 - 1 hour loading, thereafter \$125.00/per hour

Labor/Equipment/Supplies

- Mobilization: \$1,387.00/LS
- De-Mobilization: \$1,387.00/LS
- On site services: \$5,251.00./LS
 - Includes overpack drums, PPE, travel

Estimated Total: \$17,500.00

PROJECT NOTES:

Pricing is estimated ONLY. Waste profiles, approval, and waste inventory required to provide hard pricing.

FACILITY: USE Chicago/USE Stables/USE Detroit/USE Michigan

TREATMENT TYPE: WWT/Stabilization/Solidification/Treatment

TERMS & CONDITIONS

This quote is valid for 30 days, and is subject to execution of US Ecology's standard contract which governs the services described herein. After expiration of this quote, the offer to perform services, and the prices, are subject to change or withdrawal. In the event of any conflict between the terms in this quote and those contained in the contract covering



these quoted services, the terms of the contract shall govern. When a waste approval is granted, you will receive an Approval Notification specifying the applicable price and billing unit. Payment terms are net 30 days.

DISPOSAL TERMS AND CONDITIONS:

- Prices and services are contingent upon approval from the disposal facility. Approval of waste materials will be based a completed and signed waste profile, an SDS sheet or analytical report and an evaluation of a representative sample (if required) for a treatability study.
- Surcharges may apply if waste varies from its original profile or is re-characterized or reclassified on site at the TSDF.
- Additional fees may apply at the time of delivery for assistance with off-loading or due to non-conforming waste.
- Improperly classified and/or rejected waste will be returned to the customer, or managed in an alternative manner, at customer's expense.
- A 10% Energy, Insurance and Recovery (EIR) Fee will apply to all waste treatment and disposal fees.
- IL HAZ TAX \$6.06/YARD
- IL HAZ TAX \$0.03/GALLON

TRANSPORTATION TERMS AND CONDITIONS:

- A fuel surcharge, based on the weekly DOE posted rate, will apply to all diesel powered equipment unless quoted otherwise. Currently 29%
- In the event that the scope of work changes from that specified above, out-of-scope work shall be charged at rates mutually agreed upon in writing before work continues. Work site must be accessible for the size and type of truck ordered.
- Washout/clean-out charges for tankers and/or containers shall be billed at US Ecology's Standard Rates unless previously quoted.
- All shipping containers must be non-leaking and DOT approved.

Thank you for this opportunity – US Ecology appreciates your interest in our services. I believe this quotation meets your specifications but please contact me if you have any questions. US Ecology is prepared to proceed with the above described work upon confirmation or execution of an appropriate contract and subsequent issuance of your Written Purchase Order. Please print and sign this quote to confirm your acceptance and email it to the location below.

US ECOLOGY SALES REPRESENTATIVE: Bill Darling – Chicago Industrial Services
Phone: (847) 521-8246 (cell) (708)-589-6906 (office)
bill.darling@usecology.com

CUSTOMER REPRESENTATIVE: Name: _____ Title: _____
Signature: _____ Date: _____

Urban, Trevor

From: Donovan, SuAnn M. <SMDonovan@dmgov.org>
Sent: Tuesday, July 31, 2018 3:36 PM
To: Snowden, Kevin
Cc: DeSmet, Luke M.
Subject: FW: Imperial Properties
Attachments: ATT00001.txt; US Ecology_UPDATED QUOTE_20180706135856420.pdf

The owner of 4141 E 14th has reached this agreement for the removal of the six contaminated barrels from the building.

We will be contacted to allow entry to the building.

We will continue to secure the building until the interior is safe to enter.

SuAnn Donovan
Neighborhood Inspection Zoning Administrator
602 Robert D. Ray Drive
Des Moines, IA 50309
smdonovan@dmgov.org

Talk more about what you can do and less about what you can't do.

From: Robert Nading [mailto:robertnading@nadinglaw.com]
Sent: Monday, July 9, 2018 4:41 PM
To: Donovan, SuAnn M. <SMDonovan@dmgov.org>
Subject: FW: Imperial Properties

Suann:

I need to know if this takes care of all of the concerns of the City/ If you can let me know we will get it back to US Waste asap and I think they will get it done either this week or next. I still need to get Gregg Moyer's approval.

Sorry it took so long but it was complicated.

Bob Nading

From: Brendon P. Friesen <BFriesen@mggmlpa.com>
Sent: Monday, July 09, 2018 3:53 PM
To: Robert Nading <robertnading@nadinglaw.com>
Cc: Clark Odum <clark@uswonline.com>; Samuel Martillotta <smartillotta@mggmlpa.com>; Tracey S. McGurk <TMcGurk@mggmlpa.com>
Subject: RE: Imperial Properties

Robert:

Per our agreement in principal, here is the updated quote from my client's supplier, US Ecology. The charge to Imperial Properties would be at least \$17,500 +15% = \$20,125. If US Ecology charges increase, so does the cost to your client. I am preparing a settlement agreement and release per our agreement, which I plan to forward to you tomorrow pending client approval.

Thanks,

Brendon

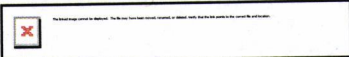
ATTACHMENT 8 Page 8 of 9

From: Brendon P. Friesen
Sent: Friday, July 06, 2018 4:22 PM
To: 'Robert Nading' <robertnading@nadinglaw.com>
Cc: 'Clark Odum' <clark@uswonline.com>; Samuel Martillotta <smartillotta@mggmlpa.com>; Tracey S. McGurk <TMcGurk@mggmlpa.com>
Subject: Imperial Properties

Robert:

I will have the quote for you Monday, along with a draft settlement agreement. In the meantime, please have your client execute the attached documents which we will need prior to beginning the work. Thank you,

Brendon P. Friesen



North Point Tower
1001 Lakeside Ave., Suite 1400
Cleveland, Ohio 44114
216.453.5906 (Direct Dial)
216.523.1500 (Office)
216.523.1705 (Fax)
www.mansourgavin.com

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Notice of Violation Pursuant to Requirements
of the Resource Conservation and Recovery Act (RCRA)

TO: Facility Name: Chrome Reflections
Address: 4141 East 14th Street
Des Moines, Iowa 50313
EPA ID Number: IAR000521112 Date: September 6, 2016

This notice is provided to call your attention to the following areas of noncompliance with state and federal regulations. This notice does not constitute a compliance order (Administrative Civil Complaint) pursuant to Section 3008 of RCRA and may not be a complete listing of all violations resulting from the the inspection.

Citation

Description of Violation

Title 40 Code of Federal
Regulations (40CFR) 262.11

Failure to conduct a waste determination on the
following waste streams:

Remain on-site same as 2016 ←

Remain on-site same as 2016 ←

Remains on-site same as 2016 ←

Remains on-site same as 2016 ←

Remains on-site same as 2016 ←

- Tanks 9, 10, 14, 15, 16 and 17 (Tanks 14-17 were not located)
- (4) 15-gallon stainless steel drum west of main plating line
- Shelves of cleaners, paints, and chemicals along the north wall
- Chemicals in the north storage rooms
- Residue on floor of plating room
- Reactor tank north of main plating line
- one 1/2 full black plastic 55-gallon drum and 15-gallon blue
- three, 15-gallon open top containers north of main plating line
- Sludge and liquids in "empty" tanks and Tanks 1 through 8 and 11
- Anodes in Tanks 4, 7, two unnumbered tanks and
- 55-gallon drum north of main plating line

You are requested to submit a written response within **14 calendar days** of receipt of this notice. Your response should include a description of all corrective actions taken and/or a schedule for completing the necessary corrective actions. The response should be submitted to:

U. S. Environmental Protection Agency, Region VII

11201 Renner Boulevard
Kansas City, Kansas 66219

ATTN: Kevin D. Snowden, AWM/DWEMM

If you have any questions about this Notice or wish to discuss your response, you may call me at

913-551-7022, or _____ (Compliance Officer) at _____

This Notice prepared by

Kevin D. Snowden

Date: September 6, 2016

The undersigned person acknowledges that he/she has received a copy of this Notice and has read same.

The facility
representative

Bill Mayer
refused to sign
this notice.

Printed Name: _____

Date: _____

Signature: _____

Title: _____

Notice of Violation Pursuant to Requirements
of the Resource Conservation and Recovery Act (RCRA)

TO: Facility Name: Chrome Reflections
Address: 4141 East 14th Street
Des Moines Iowa 50313
EPA ID Number: IAR 00052112 Date: September 6, 2016

This notice is provided to call your attention to the following areas of noncompliance with state and federal regulations. This notice does not constitute a compliance order (Administrative Civil Complaint) pursuant to Section 3008 of RCRA and may not be a complete listing of all violations resulting from the the inspection.

Citation

Description of Violation

40 CFR 262.11 (continued)

- ~~3 black 55 gallon containers in Barrel line (1 full, 2 3/4 full)~~
- ~~three blue 5 gallon cartons next to Barrel line~~
- ~~20-gallon Hotsy washer tank~~
- ~~North Shelving Unit Chemicals (See attached)~~
- ~~South Shelving Unit Chemicals (See attached)~~
- ~~Sand Blaster media in metal finishing area~~
- ~~Dust in three vacuums/floor sweeper units in metal finishing area~~
- ~~multiple gas cylinders at the facility~~
- ~~Fluorescent lamps~~

Remains not a Hazardous Waste

Remains onsite same as 2016

Remains onsite - same as 2016

Remains onsite - same as 2016

Remains onsite - same as 2016

You are requested to submit a written response within **14 calendar days** of receipt of this notice. Your response should include a description of all corrective actions taken and/or a schedule for completing the necessary corrective actions. The response should be submitted to:

U. S. Environmental Protection Agency, Region VII

ATTN: Kevin D. Snawden

If you have any questions about this Notice or wish to discuss your response, you may call me at 913-551-7022, or _____ (Compliance Officer) at _____.

This Notice prepared by Kevin D. Snawden Date: September 6, 2016

The undersigned person acknowledges that he/she has received a copy of this Notice and has read same.

The facility representative

Bill Mayer
refused to sign
this notice.

Printed Name: _____

Date: _____

Signature: _____

Title: _____

Chrome Reflections
4141 East 14th Street
Des Moines, Iowa 50313
EPA ID Number: IAR00052112
Date: September 6, 2016

North Shelving Unit

Top Shelf - ~~4 plastic 55-gallon containers~~
~~1 metal 55-gallon container~~

Located on Floor
Photo 6 in 2019 CEI

← 8, 5-gallon plastic containers

Middle Shelf - ~~4 55-gallon fiber containers~~

Bottom Shelf - ~~~12 large bags (paper) some say sodium hypochlorite~~
Remain outside - Photo 4

South Shelving Unit

Top Shelf - ~~6 30-gallon black plastic containers several~~
~~labeled as Corrosive~~

Middle Shelf - ~~4 40-gallon fiber containers, one is leaking~~

Bottom Shelf - ~~1 metal 55-gallon (black) container (very corroded)~~
Remain on-site Photo #2 & #3 in 2019 CEI - ~~1 metal box on wheels containing plastic totes~~
~~1 30-gallon black plastic Carboy that was~~
~~upside down inside a 1/2 plastic 55-gallon container~~

Remains onsite ← Full of liquid Photo #3 & #2 in 2019 CEI - ~~1 black plastic 55-gallon container with~~
~~several inches of liquid~~
~~several 5-gallon containers of anodes~~
~~8 to 10 plastic and metal 5-gallon containers~~
~~the metal containers are very corroded~~
~~1 black plastic 30-gallon Carboy~~
~~1 black 10-gallon metal container labeled "Chromic Acid"~~
~~1 55-gallon fiber container labeled "unreadable" Acid~~

The facility representative Bill Mayer refused
to sign this notice. KDS
September 6, 2016

prepared by: Kevin D. Snowden

Facility: chrome Reflections Date: 4/15/19

Arrival time: 1:00pm

DRIVE-BY

1. Drive-by conducted from public right-of-way? ☐ Yes ☐ No
2. Determine the direction "North" with respect to the facility and provide a brief sketch of the layout and orientation (as can be viewed from the public right-of-way):
3. Obvious concerns visible from public right-of-way (photos)? ☐ Yes ☐ No

Facility Orientation

See Map

- | | | |
|-------------------|-----------------------|------------------------|
| - Containers | - Tanks | - Processing Equipment |
| - Loading Areas | - Unloading Areas | - Security Devices |
| - Open Drums | - Stressed Vegetation | - Unusual Staining |
| - Unusual Odors | - Obvious Discharges | - Improper Disposal |
| - Safety Concerns | - Other Concerns | |

SITE ENTRY AND IN BRIEFING

1. ☐ Used main entrance ☐ Entered during normal operating hours ☐ Excessive delays (>15 minutes - denial of access?) - ☐ No
2. Facility Representative(s): Panielle Atkinson Title: Book Keeper / Office Manager
Jim Nelson Title: Neighborhood Inspector - Since 2000
City of Des Moines
Left at 2:30pm
Left 7 as Supervisor
3. Does representative have intimate knowledge of all waste management practices? ☒ Yes ☐ No How long in position? _____

Introduction:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Presented credentials | <input checked="" type="checkbox"/> Explained responsibility to provide accurate information and provided copies of Section 1001 and 1002 U.S.C. to facility |
| <input checked="" type="checkbox"/> Verified presence at correct facility (checked address/I.D. #) | <input checked="" type="checkbox"/> Identified personal safety considerations: _____ |
| <input checked="" type="checkbox"/> Explained authority to conduct inspection (Section 3007 RCRA) | <input checked="" type="checkbox"/> Completed Multimedia screening checklist |
| <input checked="" type="checkbox"/> Explained the purpose, scope, and order of the inspection | <input checked="" type="checkbox"/> Provided SBREFA handout |
| <input checked="" type="checkbox"/> Explained documentation process - worksheets, checklists, photo's, notes, statements, etc | <input checked="" type="checkbox"/> Obtained GPS reading |
| <input checked="" type="checkbox"/> Explained facility's right to claim CBI | |

5. Was full access granted? ☒ Yes ☐ By facility representative Other (name): _____
☐ No - Access denied Name of person denying access: _____ Time of denial: _____
Reason for denial, or limitations placed on access: _____

EXIT BRIEFING

1. Reviewed all data collected and documented all concerns or violations? ☒ Yes ☐ No
- Location of the violation, type and amount of waste involved, time frame, frequency, specific dates & when first started occurred
- Illegal discharge - discharge location (diagram/picture), dimensions, conditions, distance to a water of the U.S, other information.
- Illegal disposal - how, when (each occurrence), where sent or disposed of, how shipped, who shipped, when shipped/disposed of, quantity

- NO*
4/15 ☒ Identified/verified violations from previous inspection were corrected (if applicable)
☒ Addressed all unresolved inspection related issues
☒ Summarized findings and observations for the facility representatives

NOV issued? ☒ Yes ☐ No ☐ Violations clearly identified and explained, including: circumstances, location, and applicable regulations

- Call* ☒ Explained the importance of a timely (14 day) and adequate response
☒ Explained that findings and observations are based on your current knowledge of the RCRA and that the final findings may differ
☒ Explained that compliance officer will make the final compliance decisions and that all compliance questions should be directed toward them
☒ Explained that recommendations provided are for informational purposes only and **DO NOT** require specific actions by the facility
☒ Provided facility with CBI form
☒ Prepared Document Receipt form

3. Specific information requested from facility? ☒ Yes ☐ No Fall Field → will call to make arrangement
4. Facility appears to have awareness of the RCRA regulations and/or has its own environmental staff? ☐ Yes ☒ No
5. Facility has copy of applicable regulations? ☒ Yes ☐ No
6. Attitude and demeanor of facility representative(s): ☒ OK ☐ Not OK _____

Appendix 1-3

Facility: Chrome Reflections Date: 4/15/2019 Arrival time: ~12:30pm

DRIVE-BY

1. Drive-by conducted from public right-of-way?

☒ Yes ☐ No

2. Determine the direction "North" with respect to the facility and provide a brief sketch of the layout and orientation (as can be viewed from the public right-of-way):

See Facility Layout / Attachment 6.

3. Obvious concerns visible from public right-of-way (photos)? ☐ Yes

☒ No

Facility Locked - not operating

- Containers
- Unloading Areas
- Unusual Staining
- Safety Concerns

- Tanks
- Security Devices
- Unusual Odors
- Other Concerns

- Processing Equipment
- Open Drums
- Obvious Discharges

- Loading Areas
- Stressed Vegetation
- Improper Disposal

Appendix 1-4

SITE ENTRY AND INBRIEFING

1. ☒ Used main entrance

N/A

☐ Entered during normal operating hours

☐ Excessive delays (>15 minutes - denial of access?) - ☒ No

2. Facility Representative(s):

Danielle Atkinson - Imperial Properties, Inc.

Title: Bookkeeper / Office Manager

Title: _____

Jim Nelson - City of Des Moines

Title: Neighborhood Inspector Supervisor

3. Does representative have intimate knowledge of all waste management practices?

☐ Yes

☒ No

How long in position?

N/A - Did not operate facility only representing Imperial Properties, Inc. to get the facility cleaned up

4. Introduction:

☒ Presented credentials

☒ Explained responsibility to provide accurate information and provided copies of Section 1001 and 1002 U.S.C. to facility

☒ Verified presence at correct facility (checked address/I.D. #)

☒ Explained authority to conduct inspection (Section 3007 of RCRA)

☒ Explained the purpose, scope, and order of the inspection

☒ Completed Multimedia screening checklist

☒ Explained documentation process - worksheets, checklists, photos, notes, statements, etc

☒ Provided SBRFA

☒ Obtained GPS reading

☒ Explained facility's right to claim CBI

5. Was full access granted?

☒ Yes

☐ No

By facility representative or Other (name): Danielle Atkinson

☐ No - Access denied. Name of person denying access: _____

Time of denial: N/A

Reason for denial, or limitations placed on access:

Appendix 1-5

FACILITY BACKGROUND WORKSHEET

1. Site History:

Date facility began operating: 10-12 Years ago Number of employees: 0

Number of shifts/hour worked: N/A Number of days worked per week: _____

Size (sq. ft., how divided): See Facility Layout

Property owner and facility operator the same? ☐ Yes ☒ No

2. Major products or services provided: See Report narrative

3. Major raw materials used: See Report Narrative

4. Major manufacturing or processing operations which generate waste streams: (provide brief description)

Operation/Process

Waste Stream(s)

Facility is no longer in operation
- See Report narrative

5. Complete a Generator Waste Stream Worksheet and /or Off-Site Waste Stream Worksheet for the waste streams noted above and then finish this form.

6. Verified/compared above information with facility Notification Form: ☐ Yes ☒ No

N/A

7. **GENERATOR STATUS:** (based on records review)

☐ Non-generator

☐ CE (0-100kg/mo or 1 kg/mo acute waste and accumulate <1000 kg or 1kg acute waste or 100 kg of acute spill residue)

☐ SQG (100-1000kg/mo and accumulate <6000kg)

☒ LQG (>1000kg/mo) Possible due to disposal of all waste Remaining on Site

Is facility's status solidly within above category?

☐ Yes

☒ No

(If not carefully verify status and document)

The facility is shut down + maybe an SQG or LQG depending if remaining chemicals/wastes can be used as intended or have to be disposed as a waste

8. **TSD STATUS:**

☐ Treatment

☒ Storage

☐ Disposal

Note: Types of units, number of units, capacities, processes, etc:

- Many chemicals remain on site for several years
- See Report narrative

X Possible Illegal TSD

9. Resolved questions from Pre-Inspection Worksheet?

☐ Yes

☐ No

☒ No Questions

10. Resolved compliance officer's questions from Pre-Inspection Worksheet?

☐ Yes

☐ No

☒ No Questions

11. Requested site map or diagram to identify all observations?

☒ Yes

☐ None Available

Appendix 1-6

GENERATOR WASTE STREAM WORKSHEET

1. **WASTE STREAM:** See Report Narrative for Details

FACILITY DETERMINATION: ☐ Hazardous ☐ Non-hazardous ☐ Not done ☐ Inadequate

WASTE CODES: _____

DETERMINATION METHOD: ☐ Product knowledge ☐ Process knowledge ☐ Testing

Documentation: _____

GENERATING PROCESS: _____

GENERATION RATE: _____

ON-SITE MANAGEMENT: Satellites ☐ Visually inspected Storage ☐ Visually inspected

OFF-SITE MANAGEMENT/DISPOSITION: _____

2. **WASTE STREAM:** _____

FACILITY DETERMINATION: ☐ Hazardous ☐ Non-hazardous ☐ Not done ☐ Inadequate

WASTE CODES: _____

DETERMINATION METHOD: ☐ Product knowledge ☐ Process knowledge ☐ Testing

Documentation: _____

GENERATING PROCESS: _____

GENERATION RATE: _____

ON-SITE MANAGEMENT: Satellites ☐ Visually inspected Storage ☐ Visually inspected

OFF-SITE MANAGEMENT/DISPOSITION: _____

3. **WASTE STREAM:** _____

FACILITY DETERMINATION: ☐ Hazardous ☐ Non-hazardous ☐ Not done ☐ Inadequate

WASTE CODES: _____

DETERMINATION METHOD: ☐ Product knowledge ☐ Process knowledge ☐ Testing

Documentation: _____

GENERATING PROCESS: _____

GENERATION RATE: _____

ON-SITE MANAGEMENT: Satellites ☐ Visually inspected Storage ☐ Visually inspected

OFF-SITE MANAGEMENT/DISPOSITION: _____

Appendix 1-7**OFF-SITE WASTE STREAM WORKSHEET – TSD's ONLY**

1. Name or type of waste stream(s): N/A

2. Amount and frequency received (note amount per ?):

_____ Gallons _____ Pounds _____ Tons per ☐ Day ☐ Month ☐ Year

☐ Other: _____

3. On-site management practices (check all that apply):

☐ Container Storage ☐ Tank Storage ☐ Treatment

☐ Disposal ☐ Other: _____

4. Off-site management activities: ☐ N/A

Shipped to: _____

Frequency of shipments: _____

Transporter: _____

Ultimate disposition of waste: ☐ Known ☐ Unknown

5. Number of years/months facility managed this waste: From: _____ To: _____

6. Facility considers this waste to be: ☐ Hazardous ☐ Non-Hazardous

7. Method of waste determination/identification: ☐ Not completed by facility
(check all that apply)

☐ By generator supplied information

☐ By testing

8. EPA waste codes: _____

9. Is waste stream consistent with generator Notification? ☐ YES ☐ NO

10. Notes/Observations: _____

A. MANIFESTS

#	✓ / X	REGULATORY REQUIREMENTS	MANIFEST #'S AND COMMENTS
1.	N/A	Facility uses manifest system-262.20(a)(1)	See Report Narrative - No Manifests for Review.
2.		Manifests maintained for 3 years-262.40(a)	
3.		Generator EPA I.D. number-262.20(a)	
4.		Generator name, address, phone number-262.20(a)	
5.		Transporter(s) name & EPA I.D. number-262.20(a)	
6.		Designate facility name, address & EPA I.D. number-262.20(a)	
7.		Alternate facility designated (optional)-262.20(c)	
8.		Unique pre-printed manifest tracking number and number of pages-262.20(a)	
9.		DOT shipping name, hazard class, waste code, & RQ (if required-49 CFR 172)-262.20(a)	
10.		Containers: numbers, type, quantity, unit wt/vol.-262.20(a)	
11.		Proper certification including waste minimization-262.20(a)	
12.		Signed and dated-262.23(a)	
13.		Exception report submitted if necessary-262.42	
14.		Waste reclaimed under contractual agreement (SQG only)-262.20(e)(1)	
15.		Generator maintains copy of contractual agreement for at least 3 years after termination or expiration of the agreement (SQG only)-262.20(e)(2)	
16.		LDR notification/certification sent with manifests on 1 st shipment-268.7(a)(2)	
17.		LDR notification/certification includes: manifest number, correct EPA waste codes & treatment standards, and waste analysis data-268.7(a)(2)	
18.		LDR notification/certification/waste analysis data & other documents maintained for 3 years-268.7(a)(8)	
19.	✓	Biennial Reports submitted per 262.41 (LQG only)	

✓ - in compliance X - not in compliance N/A - not applicable

20. Approximate number of manifests generated since last inspection, or over past 3 years: N/A21. Approximate number of manifests reviewed: N/A22. Copies of manifests made with regulatory violations? ☐ YES ☒ NO N/A

23. Additional requirements for off-site generated manifests:

#	√ / X	ADDITIONAL I.S./PERMIT* REGULATORY REQUIREMENTS	MANIFEST #'S AND COMMENTS
a.	N/A	Manifests signed and dated-265.71(a)(2)(i)	N/A
b.		Manifest discrepancies noted and corrected w/in 15 days-265.71(a)(2)(ii)	
c.		Copy immediately given to transporter-265.71(a)(2)(iii)	
d.		Copy sent to generator w/in 30 days-265.71(a)(2)(iv)	
e.		Manifests retained for 3 years-265.71(a)(2)(v)	
f.		LDR notification/certifications retained for 3 years-268.7(e)(2)	
g.		Biennial Reports submitted per 265.75	

√ - in compliance X - not in compliance N/A - not applicable * - please not applicable permit requirement

h. Approximate number of manifests generated since last inspection, or over past 3 years: N/A

i. Approximate number of manifests reviewed: N/A

j. Copies of manifests made with regulatory violations? ☐ YES ☒ NO N/A

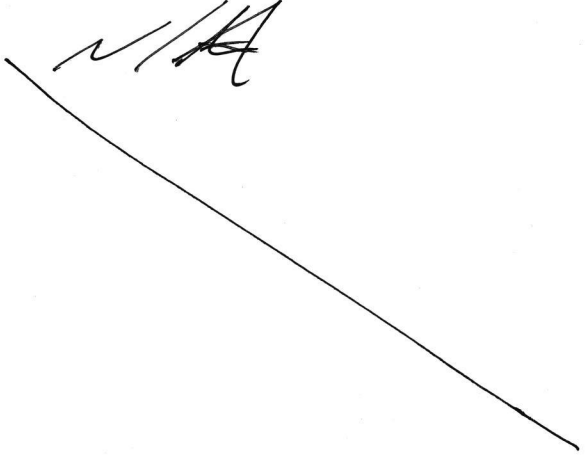
B. PREPAREDNESS AND PREVENTION

#	√ / X	REGULATORY REQUIREMENTS	COMMENTS
1.	N/A	Arrangements with local emergency agencies made-262.34(d)(4)→265.37 [SQG] or 262.34(a)(4)→265.37 [LQG, I.S.]	N/A - no longer in operation
2.		Emergency coordinator on premises or on call-262.34(d)(5)(i) [SQG] or 262.34(a)(4)→265.55 [LQG, I.S.]	
3.		Emergency coordinator's name and phone number, fire department's phone number, and the location of fire extinguishers and spill control equipment posted near the phone [SQG only]-262.34(d)(5)(ii)	

√ - in compliance X - not in compliance N/A - not applicable

C. CONTINGENCY PLAN

(SQG – N/A, LQG's – 262.34(a)(4) referencing 265 Subpart D, I.S.-265 only)

#	√ / X	REGULATORY REQUIREMENTS*	COMMENTS
1.	N/A	Has contingency plan→265.51(a)	
2.		Contingency plan maintained on-site→265.53(a)	
3.		Plan submitted to emergency response agencies→265.53(b)	
4.		Description of actions needed to respond to fires, explosions, or releases of hazardous wastes→265.52(a)	
5.		Description of arrangements with local emergency agencies, as appropriate→265.52(c)	
6.		List names, addresses & phone numbers (both home and office) of emergency coordinators & designated primary EC→265.52(d)	
7.		List & describe emergency equipment its location, and its capabilities, as required→265.52(e)	
8.		Include complete evacuation plan (signal, alternate route), if required→265.52(f)	
9.	✓	Emergency coordinator must be thoroughly familiar with all aspects of facility→265.55	

√ - in compliance X – not in compliance N/A – not applicable * - please note applicable permit requirements

D. PERSONNEL TRAINING

(SQG – 262.34(d)(5)(iii), LQG's – 262.34(a)(4) referencing 265.16, I.S.-265.16 only)

#	√ / X	REGULATORY REQUIREMENTS*	COMMENTS
1.	N/A	Program director trained in hazardous waste management procedures (LQG only)→265.16(a)(2)	
2.	✓	Employees do not work unsupervised without completing training & are trained within 6 mo. of initial hiring (LQG only)→265.16(b)	
3.	✓	Employees are trained annually (LQG only)→265.16(c)	
4.	✓	Job title & name of person filling position specified (LQG only)→265.16(d)(1)	
5.	✓	Written job description including: skills, education or qualification, and duties (LQG only)→265.16(d)(2)	
6.	✓	Written description of type and amount of introductory & continuing training provided (LQG only)→265.16(d)(3)	
7.	✓	Training covers: response to emergencies, implementation of contingency plan, use of alarms, waste feed cut-offs & other emergency equipment, as required (LQG only)→265.16(a)(3)	
8.	✓	Documentation confirming training has been completed (LQG only)→265.16(d)(4)	
9.	✓	Records maintained on-site for current employees & for 3 years for former employees→265.16(d) & (e) respectively	
10.	✓	All employees are familiar with waste handling and emergency procedures relevant to their responsibilities (SQG only)→262.34(d)(5)(iii)	

√ - in compliance X - not in compliance N/A - not applicable * - please note applicable permit requirements

11. Notes/Observations: _____

E. WASTE ANALYSIS/WASTE DETERMINATION AND LAND DISPOSAL RESTRICTIONS

1. Location of waste analysis/waste determination records: N/A
2. Person responsible for waste analysis/waste determination: Imperial Properties, Inc.

#	✓/✗	REGULATORY REQUIREMENTS*	COMMENTS
3.	✗	Determines if waste is a hazardous waste-262.11	<p>- See Report Narrative</p> <p>- NOV Issued to Representative for Remaining Chemicals/Wastes on Site for #1 (Failure to make a waste Determination)</p>
4.	✗	Determines if waste is restricted from land disposal-262.11(d)→268.7(a)(1)	
5.	✗	Determines waste does <u>not</u> meet applicable treatment standards (ATS)-268.7(a)(2)	
a.	N/A	One time written notice submitted to treatment or storage facility with initial shipment and a copy placed in file-268.7(a)(2)	
b.		SQG disposes of waste under a contractual or tolling agreement-268.7(a)(10). (LDR Notice available for the initial shipment and copy of LDR Notice kept for 3 years after termination of agreement)	
6.		Waste covered by a National Capacity Variance(s)-268 Subpart C, Extension, or Petition-268.5 & 6. (Describe the variance, extension, or petition that applies)	
a.		Provides a notice to the land disposal facility with the initial shipment, or a revised notice if changes occur, stating that the waste is exempt from the LDRs-268.7(a)(4).	
7.		Ships waste(s) covered by the LDRs off-site for treatment or disposal-268.7(a)(2). If no, go to 8.	
a.		Provides a notice with initial shipment, or new notification, if changes occur-268.7(a)(2)	
b.		Notice includes: EPA hazardous waste number(s), manifest number(s), waste analysis data, if available, and waste constituents, wastewater or non-wastewater classification, and subcategory, if applicable-268.7(a)(2)→268.7(a)(4)	
8.		Determined waste to be excluded from the definition of hazardous or solid waste, or exempt from Subtitle C regulations under 261.2 thru 261.6 subsequent to the point of generation-268.7(a)(7)	
a.		Retains a one-time notice describing the generation, subsequent exclusion or exemption, and the disposition of the waste, in the facility's on-site files-268.7(a)(7). (If soil contaminated with waste, a special certification statement is included with the notice-268.7(a)(2)(i))	
9.		Determines waste or soil contaminated with waste does meet the ATS or does not exceed prohibition levels and requires no further treatment-268.7(a)(3)	
a.		One time written notice submitted to treatment or storage facility with initial shipment and a copy placed in file-268.7(a)(3)(i)	
10.	✓	Additional special rules regarding waste that exhibits a characteristic-268.9	

a.	N/A	If not D001 non-wastewater, determines the underlying constituents as defined in 268.2(i)-268.9(a)
b.		If land disposed, waste meets the treatment standards specified in 268 Subpart D-268.9(c)
c.		First claims that their characteristic waste is no longer hazardous-sends a one-time notification and certification to EPA or authorized State, places a copy in the file, and updates both if there are changes in process, operation or receiving facility-268.9(d)
11.		Impermissible dilution of waste to meet LDR standards in not occurring-268.3(a) & (b)
12.		If hazardous waste prohibited from land disposal is either: a contaminated soil, or is a contaminated soil which is treated, or a lab pack waste, or hazardous waste debris, or managed at a treatment or disposal facility, or the generator's determination is based solely on knowledge – See additional LDR checklists in Appendix 2-1
13.		References to Waste Specific Prohibitions under Subpart C: - Wood Preserving Wastes – 268.30 - Dioxin-containing Wastes – 268.31 - TC Metal Wastes – 268.34 - Petroleum Refining Wastes – 268.35 - Ignitable and Corrosive Characteristic Wastes Whose Treatment Standards Were Vacated – 268.37 - Newly Identified Organic Toxicity Characteristic Wastes and Newly Listed Coke By-Product and Chlorotoluene Production Wastes – 268.38 - Spent Aluminum Pot Liners; Reactive; and Carbamate Wastes – 268.39
14.		Prohibition on Storage of Restricted Waste-268.50
15.	✓	Reminder – Treatment Standards listed in 268.41 through 268.49

√ - in compliance X - not in compliance N/A - not applicable * - please note applicable permit requirements

16. Notes/Observations:

See Report Narrative

F. OPERATING RECORD (SQG – N/A, LQG's – N/A)

#	√ / X	REGULATORY REQUIREMENTS*	COMMENTS
1.	N/A	Written operation record maintained on-site, and until closure-265.73(a) & (b) respectively	N/A
2.		Description of quantity (estimated weight or volume & density), method(s) and date(s) of treatment, storage, or disposal, including: name & EPA waste code(s), physical form, process which produced waste, & handling codes-265.73(b)(1)	
3.	✓	Location and quantity of each hazardous waste at facility cross-referenced to the specific manifest-265.73(b)(2)	

√ - in compliance X - not in compliance N/A - not applicable * - please note applicable permit requirements

G. INSPECTIONS (SQG – N/A, LQG's – N/A)

#	√ / X	REGULATORY REQUIREMENTS*	COMMENTS
1.	N/A	Facility is inspected for malfunctions and discharges which may lead to a release or human threat-265.15(a)	N/A
2.		Written schedule for inspecting & monitoring safety, emergency, security, operating & structural equipment-265.15(b)(1)	
3.		Schedule maintained at facility-265.15(b)(2)	
4.		Schedule identifies all types of problems looked for and frequency of inspections-265.15(b)(3-4)	
5.		Areas subject to spills, such as loading/unloading areas, are inspected daily when in use-265.15(b)(4)	
6.		Facility remedies all problems found-265.15(c)	
7.	✓	Inspection records identify the name of inspector, the date & time of inspection, & the date and nature of repairs-265.15(d)	
8.		Inspection records maintained for 3 years-265.15(d)	

√ - in compliance X - not in compliance N/A - not applicable * - please note applicable permit requirements